

GenCore version 5.1.4.p5.4578  
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OM protein - protein search, using sw model

Run on: March 13, 2003, 18:31:47 : Search time 14 Seconds  
(without alignments)  
1221.440 Million cell updates/sec

Title: US-09-376-430-2  
1995  
Perfect score: 1 MGRVLVLMGCAVFLGGMMA.....DVTYIGTFEVMNDRSYVAL 371  
Sequence:

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 199416 seqs, 46092074 residues

Total number of hits satisfying chosen parameters: 199416

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_AA:\*  
1: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pep:\*  
2: /cgn2\_6/ptodata/1/pubpaa/PC1\_NEW\_PUB.pep:\*  
3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep:\*  
4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep:\*  
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9: /cgn2\_6/ptodata/1/pubpaa/US09\_NEW\_PUB.pep:\*  
10: /cgn2\_6/ptodata/1/pubpaa/US09\_PUBCOMB.pep:\*  
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12: /cgn2\_6/ptodata/1/pubpaa/US10\_PUBCOMB.pep:\*  
13: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep:\*  
14: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1995	100.0	371	9	US-09-895-593-5
2	1995	100.0	371	9	US-10-008-566-4
3	1995	100.0	371	9	US-10-078-059-2
4	1995	100.0	371	9	US-09-376-430-2
5	1995	100.0	371	10	US-09-895-943-5
6	1995	100.0	379	9	US-09-895-593-8
7	1995	100.0	379	10	US-09-895-943-8
8	1878	94.1	349	9	US-09-895-593-6
9	1878	94.1	349	10	US-09-895-943-6
10	1878	94.1	357	9	US-09-895-593-9
11	1878	94.1	357	10	US-09-895-943-9
12	943	47.3	181	9	US-10-078-059-25
13	943	47.3	181	9	US-09-376-430-25
14	682	34.2	170	9	US-10-078-059-27
15	682	34.2	170	9	US-09-376-430-27
16	478	24.0	370	9	US-09-895-593-2
17	478	24.0	370	10	US-09-895-943-2
18	461	23.1	353	9	US-09-895-593-3
19	461	23.1	353	10	US-09-895-943-3

20	460	23.1	81	9	US-10-078-059-24	Sequence 24, Appl
21	460	23.1	81	9	US-09-376-430-24	Sequence 24, Appl
22	299	15.0	54	9	US-10-078-059-22	Sequence 22, Appl
23	299	15.0	54	9	US-09-376-430-22	Sequence 22, Appl
24	232.5	11.7	363	9	US-09-376-430-3	Sequence 3, Appl
25	232.5	11.7	379	9	US-10-078-059-3	Sequence 3, Appl
26	205	10.3	369	9	US-09-895-593-12	Sequence 12, Appl
27	205	10.3	369	10	US-09-895-943-12	Sequence 12, Appl
28	179	9.0	538	10	US-09-758-664-2	Sequence 2, Appl
29	176	8.8	538	10	US-09-965-313-2	Sequence 2, Appl
30	176	8.8	538	10	US-09-923-246-115	Sequence 115, App
31	176	8.8	538	10	US-09-825-561A-2	Sequence 2, Appl
32	171.5	8.6	482	10	US-09-824-286-2	Sequence 2, Appl
33	168	8.4	360	10	US-09-825-561A-18	Sequence 18, Appl
34	162	8.1	529	10	US-09-825-561A-12	Sequence 12, Appl
35	159.5	8.0	426	10	US-09-825-561A-4	Sequence 4, Appl
36	159.5	8.0	426	12	US-10-036-568-4	Sequence 4, Appl
37	159.5	8.0	691	9	US-09-935-868-20	Sequence 20, Appl
38	159.5	8.0	694	9	US-09-935-868-18	Sequence 18, Appl
39	159.5	8.0	694	9	US-09-935-868-22	Sequence 22, Appl
40	159	8.0	529	9	US-10-076-840-6	Sequence 6, Appl
41	159	8.0	529	10	US-09-965-313-4	Sequence 4, Appl
42	159	8.0	529	10	US-09-732-234-6	Sequence 6, Appl
43	159	8.0	529	10	US-09-784-859-6	Sequence 6, Appl
44	148	7.4	289	9	US-09-941-973-2	Sequence 2, Appl
45	146	7.3	568	10	US-09-758-664-4	Sequence 4, Appl

## ALIGNMENTS

RESULT 1  
US-09-895-593-5  
Sequence 5, Application US/09895593  
Patent No. US20020160949A1  
GENERAL INFORMATION:  
APPLICANT: Pandey, Akhilesh  
APPLICANT: Ozaki, Katsutoshi  
APPLICANT: Baumann, Heinz  
APPLICANT: Levin, Steven D.  
APPLICANT: Farr, Andrew G.  
APPLICANT: Ziegler, Steven F.  
APPLICANT: Leonard, Warren J.  
APPLICANT: Lodish, Harvey F.  
TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and  
FILE REFERENCE: 00-514-E  
CURRENT APPLICATION NUMBER: US/09/895,593  
CURRENT FILING DATE: 2001-06-28  
PRIOR APPLICATION NUMBER: 60/215,658  
PRIOR FILING DATE: 2000-06-28  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: Patentln Ver. 2.0  
SEQ ID NO 5  
LENGTH: 371  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-895-593-5

Query Match 100.0%; Score 1995; DB 9; Length 371;  
Best Local Similarity 100.0%; Pred. No. 6.5e-168;  
Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MGRVLVLMGCAVFLGGMMAVGGAAGVQIOTIIFNLETVOVTWNAKSYSTRNLFHY	60
DB	1	MGRVLVLMGCAVFLGGMMAVGGAAGVQIOTIIFNLETVOVTWNAKSYSTRNLFHY	60
QY	61	RFMGDAVYDOCTVYLQEGHTSGCLDAEQRDILVFSIRNGTHPYETASRWVYLYLKPS	120
DB	61	RFMGDAVYDOCTVYLQEGHTSGCLDAEQRDILVFSIRNGTHPYETASRWVYLYLKPS	120
QY	121	SPKHVRFHQDAVAVTVCSDLSYGDLLYEVQYNSPDTQMOSQOENTCVTIGLDAKRC	180
DB	121	SPKHVRFHQDAVAVTVCSDLSYGDLLYEVQYNSPDTQMOSQOENTCVTIGLDAKRC	180

Db 121 SPKHVFSWHQDAVTVTCSDLSYGDLYEVQYRSPFTEWOSKOENTCANTIEGLDAEKC 180

Qy 181 YSEFWVRKAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPKRLSKFILLISLAI 240  
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Db 181 YSEFWVRKAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPKRLSKFILLISLAI 240

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Db 241 LLMVSLLLSLMKLMRWKFKFLIPSPDPKSIFFGLFEIHQGNFQEWITDTONVAHLHKMA 300

Qy 301 GAEOESGPEEPLVVOVLAKTEAESPRMLDPOTEKEASGSGSLQHPHPLQGGDVVTIGGFT 360  
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Db 301 GAEOESGPEEPLVVOVLAKTEAESPRMLDPOTEKEASGSGSLQHPHPLQGGDVVTIGGFT 360

Qy 361 FVMNDRSYVAL 371  
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Db 361 FVMNDRSYVAL 371

## RESULT 2

US-10-008-566-4  
 ; Sequence 4, Application US/10008566  
 ; Patent No. US20020173623A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Recche-Gallardo, Pedro A.  
 ; APPLICANT: Soumelis, Vassili  
 ; APPLICANT: Liu, Yong-Jun  
 ; APPLICANT: de Maal Malefyt, Rene  
 ; APPLICANT: Bazan, Jose F.  
 ; APPLICANT: Kastelein, Robert A.  
 ; FILE OF INVENTION: MAMMALIAN CYTOKINES; RECEPTORS; RELATED REAGENTS AND METHODS  
 ; FILE REFERENCE: dx01341  
 ; CURRENT APPLICATION NUMBER: US/10/008,566  
 ; CURRENT FILING DATE: 2002-04-30  
 ; PRIOR APPLICATION NUMBER: US 60/298268  
 ; PRIOR FILING DATE: 2001-06-14  
 ; PRIOR APPLICATION NUMBER: US 60/247218  
 ; PRIOR FILING DATE: 2000-11-10  
 ; NUMBER OF SEQ ID NOS: 6  
 ; SOFTWARE: PatentIn version 3.1  
 ; SEQ ID NO 4  
 ; LENGTH: 371  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-008-566-4

Query Match 100.0%; Score 1995; DB 9; Length 371;

Best Local Similarity 100.0%; Pred. No. 6,5e-168;

Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MGRVLVLMGAAVFLGGMALGGGAAGVQIOTIIFNLETVQVTWNASKYSRTNLTFHY 60  
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Db 1 MGRVLVLMGAAVFLGGMALGGGAAGVQIOTIIFNLETVQVTWNASKYSRTNLTFHY 60

Qy 61 RENGDAVDOCTNYLLQEGHTSGCLLDAEQRDDILYFSIRNGTHPVFTASRMVYYLKPS 120  
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Db 61 RENGDAVDOCTNYLLQEGHTSGCLLDAEQRDDILYFSIRNGTHPVFTASRMVYYLKPS 120

Qy 121 SPRHVFWSHQDAVTVTCSDLSYGDLYEVQYRSPFTEWOSKOENTCANTIEGLDAEKC 180  
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Db 121 SPRHVFWSHQDAVTVTCSDLSYGDLYEVQYRSPFTEWOSKOENTCANTIEGLDAEKC 180

Qy 181 YSEFWVRKAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPKRLSKFILLISLAI 240  
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Db 181 YSEFWVRKAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPKRLSKFILLISLAI 240

Qy 241 LLMVSLLLSLMKLMRWKFKFLIPSPDPKSIFFGLFEIHQGNFQEWITDTONVAHLHKMA 300  
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Db 241 LLMVSLLLSLMKLMRWKFKFLIPSPDPKSIFFGLFEIHQGNFQEWITDTONVAHLHKMA 300

Qy 301 GAEOESGPEEPLVVOVLAKTEAESPRMLDPOTEKEASGSGSLQHPHPLQGGDVVTIGGFT 360  
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Db 301 GAEOESGPEEPLVVOVLAKTEAESPRMLDPOTEKEASGSGSLQHPHPLQGGDVVTIGGFT 360

Qy 361 FVMNDRSYVAL 371  
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Db 361 FVMNDRSYVAL 371

## RESULT 3

US-10-078-059-2  
 ; Sequence 2, Application US/10078059  
 ; Publication No. US2002019305A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ruben et al.  
 ; FILE OF INVENTION: Cytokine Receptor Common Gamma Chain Like  
 ; FILE REFERENCE: PF466P2  
 ; CURRENT APPLICATION NUMBER: US/10/078,059  
 ; CURRENT FILING DATE: 2002-02-20  
 ; PRIOR APPLICATION NUMBER: 60/269,876  
 ; PRIOR FILING DATE: 2001-02-21  
 ; PRIOR APPLICATION NUMBER: PCT/US00/22493  
 ; PRIOR FILING DATE: 2000-08-17  
 ; PRIOR APPLICATION NUMBER: 09/376,430  
 ; PRIOR FILING DATE: 1999-08-18  
 ; PRIOR APPLICATION NUMBER: 09/263,626  
 ; PRIOR FILING DATE: 1999-03-05  
 ; PRIOR APPLICATION NUMBER: PCT/US99/05068  
 ; PRIOR FILING DATE: 1999-03-05  
 ; PRIOR APPLICATION NUMBER: 60/086,505  
 ; PRIOR FILING DATE: 1998-05-22  
 ; PRIOR APPLICATION NUMBER: 60/078,563  
 ; PRIOR FILING DATE: 1998-03-19  
 ; NUMBER OF SEQ ID NOS: 32  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 2  
 ; LENGTH: 371  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-078-059-2

Query Match 100.0%; Score 1995; DB 9; Length 371;

Best Local Similarity 100.0%; Pred. No. 6,5e-168;

Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MGRVLVLMGAAVFLGGMALGGGAAGVQIOTIIFNLETVQVTWNASKYSRTNLTFHY 60  
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Db 1 MGRVLVLMGAAVFLGGMALGGGAAGVQIOTIIFNLETVQVTWNASKYSRTNLTFHY 60

Qy 61 RENGDAVDOCTNYLLQEGHTSGCLLDAEQRDDILYFSIRNGTHPVFTASRMVYYLKPS 120  
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Db 61 RENGDAVDOCTNYLLQEGHTSGCLLDAEQRDDILYFSIRNGTHPVFTASRMVYYLKPS 120

Qy 121 SPRHVFWSHQDAVTVTCSDLSYGDLYEVQYRSPFTEWOSKOENTCANTIEGLDAEKC 180  
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Db 121 SPRHVFWSHQDAVTVTCSDLSYGDLYEVQYRSPFTEWOSKOENTCANTIEGLDAEKC 180

Qy 181 YSEFWVRKAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPKRLSKFILLISLAI 240  
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Db 181 YSEFWVRKAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPKRLSKFILLISLAI 240

Qy 241 LLMVSLLLSLMKLMRWKFKFLIPSPDPKSIFFGLFEIHQGNFQEWITDTONVAHLHKMA 300  
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Db 241 LLMVSLLLSLMKLMRWKFKFLIPSPDPKSIFFGLFEIHQGNFQEWITDTONVAHLHKMA 300

Qy 301 GAEOESGPEEPLVVOVLAKTEAESPRMLDPOTEKEASGSGSLQHPHPLQGGDVVTIGGFT 360  
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Qy 361 FVMNDRSYVAL 371  
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Db 361 FVMNDRSYVAL 371

## RESULT 4

US-09-376-430-2

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: Sequence 2, Application US/09376430
: Publication No. US20030028006A1
: GENERAL INFORMATION:
: APPLICANT: Moore, Paul A.
: APPLICANT: Rosen, Craig A.
: APPLICANT: Ruben, Steven M.
: TITLE OF INVENTION: Cytokine Receptor Common Gamma Chain Like
: FILE REFERENCE: P466P1
: CURRENT APPLICATION NUMBER: US/09/376,430
: CURRENT FILING DATE: 1999-08-18
: EARLIER APPLICATION NUMBER: 60/086,505
: EARLIER FILING DATE: 1998-05-22
: EARLIER APPLICATION NUMBER: 60/078,563
: EARLIER FILING DATE: 1998-03-19
: EARLIER APPLICATION NUMBER: 09/263,626
: EARLIER FILING DATE: 1999-03-05
: EARLIER APPLICATION NUMBER: PCT/US99/05068
: EARLIER FILING DATE: 1999-03-05
: NUMBER OF SEQ ID NOS: 32
: SOFTWARE: Patent In Ver. 2.0
: SEQ ID NO 2
: LENGTH: 371
: TYPE: PRT
: ORGANISM: Homo sapiens
: US-09-376-430-2

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Query Match      100.0%; Score 1995; DB 9; Length 371;
Best Local Similarity 100.0%; Pred. No. 6,5e-168;
Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 RFNGDEAYDOCTNLYLQEGHTSGCLDAEORDILYFSIRNGTHPVFTASRMVYYLKPS 120
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DB 121 SPKHVRSWHDADAVTVTCSDLSYGDLYEVOYRSPFDEWOSKQENCTNVTIEGLDAEKC 180
QY 121 SPKHVRSWHDADAVTVTCSDLSYGDLYEVOYRSPFDEWOSKQENCTNVTIEGLDAEKC 180
DB 121 SPKHVRSWHDADAVTVTCSDLSYGDLYEVOYRSPFDEWOSKQENCTNVTIEGLDAEKC 180
QY 181 YSFVWRKAMEDVYGPDPYSDMSSEVTCWQGEIRDAEPTPPKPKLSKFIILSSLA 240
DB 181 YSFVWRKAMEDVYGPDPYSDMSSEVTCWQGEIRDAEPTPPKPKLSKFIILSSLA 240
QY 241 LLMVSLILLSLMKLMRVKFLIPSPDPKSTFPGLEIHOQNFQEWITDTQNVAAHLHMA 300
DB 241 LLMVSLILLSLMKLMRVKFLIPSPDPKSTFPGLEIHOQNFQEWITDTQNVAAHLHMA 300
QY 301 GADESGPEEPVLVQALAKTEAESPRMLDPOTEKEASGSIQLPHQPLQGGDVYTIIGFT 360
DB 301 GADESGPEEPVLVQALAKTEAESPRMLDPOTEKEASGSIQLPHQPLQGGDVYTIIGFT 360
QY 361 FVMDRSYVAL 371
DB 361 FVMDRSYVAL 371

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RESULT 5
US-09-895-943-5
: Sequence 5, Application US/09895943
: Patent No. US20020068323A1
: GENERAL INFORMATION:
: APPLICANT: Sarris, Chris
: APPLICANT: Chang, Ming-Shi
: TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and
: FILE REFERENCE: 00-514-C
: CURRENT APPLICATION NUMBER: US/09/895,943
: CURRENT FILING DATE: 2001-06-28
: PRIOR APPLICATION NUMBER: 60/214,866
: PRIOR FILING DATE: 2000-06-28

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: NUMBER OF SEQ ID NOS: 16
: SOFTWARE: Patent In Ver. 2.0
: SEQ ID NO 5
: LENGTH: 371
: TYPE: PRT
: ORGANISM: Homo sapiens
: US-09-895-943-5

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Query Match      100.0%; Score 1995; DB 10; Length 371;
Best Local Similarity 100.0%; Pred. No. 6,5e-168;
Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MGRVLVLMGAAVFLGGMALGGGAAGVQIITIFNLETVQYVWNAKSKSRNTLTFHY 60
QY 61 RFNGDEAYDOCTNLYLQEGHTSGCLDAEORDILYFSIRNGTHPVFTASRMVYYLKPS 120
DB 61 RFNGDEAYDOCTNLYLQEGHTSGCLDAEORDILYFSIRNGTHPVFTASRMVYYLKPS 120
QY 121 SPKHVRSWHDADAVTVTCSDLSYGDLYEVOYRSPFDEWOSKQENCTNVTIEGLDAEKC 180
DB 121 SPKHVRSWHDADAVTVTCSDLSYGDLYEVOYRSPFDEWOSKQENCTNVTIEGLDAEKC 180
QY 181 YSFVWRKAMEDVYGPDPYSDMSSEVTCWQGEIRDAEPTPPKPKLSKFIILSSLA 240
DB 181 YSFVWRKAMEDVYGPDPYSDMSSEVTCWQGEIRDAEPTPPKPKLSKFIILSSLA 240
QY 241 LLMVSLILLSLMKLMRVKFLIPSPDPKSTFPGLEIHOQNFQEWITDTQNVAAHLHMA 300
DB 241 LLMVSLILLSLMKLMRVKFLIPSPDPKSTFPGLEIHOQNFQEWITDTQNVAAHLHMA 300
QY 301 GADESGPEEPVLVQALAKTEAESPRMLDPOTEKEASGSIQLPHQPLQGGDVYTIIGFT 360
DB 301 GADESGPEEPVLVQALAKTEAESPRMLDPOTEKEASGSIQLPHQPLQGGDVYTIIGFT 360
QY 361 FVMDRSYVAL 371
DB 361 FVMDRSYVAL 371

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RESULT 6
US-09-895-593-8
: Sequence 8, Application US/09895593
: Patent No. US20020160949A1
: GENERAL INFORMATION:
: APPLICANT: Pandey, Akhilesh
: APPLICANT: Ozaki, Katsutoshi
: APPLICANT: Baumann, Heinz
: APPLICANT: Levin, Steven D.
: APPLICANT: Farr, Andrew G.
: APPLICANT: Ziegler, Steven F.
: APPLICANT: Leonard, Warren J.
: TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and
: FILE REFERENCE: 00-514-E
: CURRENT APPLICATION NUMBER: US/09/895,593
: CURRENT FILING DATE: 2001-06-28
: PRIOR APPLICATION NUMBER: 60/215,658
: PRIOR FILING DATE: 2000-06-28
: NUMBER OF SEQ ID NOS: 16
: SOFTWARE: Patent In Ver. 2.0
: SEQ ID NO 8
: LENGTH: 379
: TYPE: PRT
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Human
: OTHER INFORMATION: TSLPR-FLAG
: US-09-895-593-8

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Query Match      100.0%; Score 1995; DB 9; Length 379;

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Best Local Similarity 100.0%; Pred. No. 6.7e-168;  
Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGRVLLMGAAVFLIGMMAAGGGAAGVOIILYFNLETVQVWNAKSKYSTNLTFFH 60  
Db 1 MGRVLLMGAAVFLIGMMAAGGGAAGVOIILYFNLETVQVWNAKSKYSTNLTFFH 60  
QY 61 RFNDEAVDOCTNVLQSGHSGCLLDABQRDILYFSIRNGTHPVFTASRMWVYLKPS 120  
Db 61 RFNDEAVDOCTNVLQSGHSGCLLDABQRDILYFSIRNGTHPVFTASRMWVYLKPS 120  
QY 121 SPKHVRFMSHODAVYVTCSDLSYGDLLYEVOYRSPDTEWOSKOENTCANTTEGLDAEKC 180  
Db 121 SPKHVRFMSHODAVYVTCSDLSYGDLLYEVOYRSPDTEWOSKOENTCANTTEGLDAEKC 180  
QY 181 YSFVVRVAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPPKLSKFIILSLAI 240  
Db 181 YSFVVRVAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPPKLSKFIILSLAI 240  
QY 241 LLMVSLLLSLMKLMRKVKFLIPSVDPKSLFPGLEIHQGNFQEWITDTQNVAAHLHKMA 300  
Db 241 LLMVSLLLSLMKLMRKVKFLIPSVDPKSLFPGLEIHQGNFQEWITDTQNVAAHLHKMA 300  
QY 301 GAEGESGPEEPLVYQAKTEASPRMLDPOTEKEASGSLQLPHPQLOGGDVYVITGGFT 360  
Db 301 GAEGESGPEEPLVYQAKTEASPRMLDPOTEKEASGSLQLPHPQLOGGDVYVITGGFT 360  
QY 361 FVMNDRSYVAL 371  
Db 361 FVMNDRSYVAL 371

## RESULT 7

US-09-895-943-8  
; Sequence 8, Application US/09895943  
; Patent No. US20020068323A1  
; GENERAL INFORMATION:  
; APPLICANT: Satis, Chris  
; APPLICANT: Chang, Ming-Shi  
; TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and  
; FILE REFERENCE: 00-514-C  
; CURRENT APPLICATION NUMBER: US/09/895,943  
; CURRENT FILING DATE: 2001-06-28  
; PRIOR APPLICATION NUMBER: 60/214,866  
; PRIOR FILING DATE: 2000-06-28  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 8  
; LENGTH: 379  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Human  
; OTHER INFORMATION: TSLPR-FLAG  
US-09-895-943-8

Query Match 100.0%; Score 1995; DB 10; Length 379;  
Best Local Similarity 100.0%; Pred. No. 6.7e-168;

Matches 371; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MGRVLLMGAAVFLIGMMAAGGGAAGVOIILYFNLETVQVWNAKSKYSTNLTFFH 60  
Db 1 MGRVLLMGAAVFLIGMMAAGGGAAGVOIILYFNLETVQVWNAKSKYSTNLTFFH 60  
QY 61 RFNDEAVDOCTNVLQSGHSGCLLDABQRDILYFSIRNGTHPVFTASRMWVYLKPS 120  
Db 61 RFNDEAVDOCTNVLQSGHSGCLLDABQRDILYFSIRNGTHPVFTASRMWVYLKPS 120  
QY 121 SPKHVRFMSHODAVYVTCSDLSYGDLLYEVOYRSPDTEWOSKOENTCANTTEGLDAEKC 180  
Db 121 SPKHVRFMSHODAVYVTCSDLSYGDLLYEVOYRSPDTEWOSKOENTCANTTEGLDAEKC 180

QY 181 YSFVVRVAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPPKLSKFIILSLAI 240  
Db 181 YSFVVRVAMEDVYGPDTYPSDMSEVTCWQGEIRDACAEPTPPPKLSKFIILSLAI 240  
QY 241 LLMVSLLLSLMKLMRKVKFLIPSVDPKSLFPGLEIHQGNFQEWITDTQNVAAHLHKMA 300  
Db 241 LLMVSLLLSLMKLMRKVKFLIPSVDPKSLFPGLEIHQGNFQEWITDTQNVAAHLHKMA 300  
QY 301 GAEGESGPEEPLVYQAKTEASPRMLDPOTEKEASGSLQLPHPQLOGGDVYVITGGFT 360  
Db 301 GAEGESGPEEPLVYQAKTEASPRMLDPOTEKEASGSLQLPHPQLOGGDVYVITGGFT 360  
QY 361 FVMNDRSYVAL 371  
Db 361 FVMNDRSYVAL 371

## RESULT 8

US-09-895-593-6  
; Sequence 6, Application US/09895593  
; Patent No. US20020160949A1  
; GENERAL INFORMATION:  
; APPLICANT: Pandey, Akhilesh  
; APPLICANT: Ozaki, Katsutoshi  
; APPLICANT: Baumann, Heinz  
; APPLICANT: Levin, Steven D.  
; APPLICANT: Fair, Andrew G.  
; APPLICANT: Ziegler, Steven F.  
; APPLICANT: Leonard, Warren J.  
; TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and  
; FILE REFERENCE: 00-514-E  
; CURRENT APPLICATION NUMBER: US/09/895,593  
; CURRENT FILING DATE: 2001-06-28  
; PRIOR APPLICATION NUMBER: 60/215,658  
; PRIOR FILING DATE: 2000-06-28  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 6  
; LENGTH: 349  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: TRANSMEM  
; LOCATION: (210)..(230)  
US-09-895-593-6

Query Match 94.1%; Score 1878; DB 9; Length 349;  
Best Local Similarity 100.0%; Pred. No. 1.2e-157;

Matches 349; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 23 QGGAAGVOIILYFNLETVQVWNAKSKYSTNLTFFH RFNDEAVDOCTNVLQSGHSG 82  
Db 1 QGGAAGVOIILYFNLETVQVWNAKSKYSTNLTFFH RFNDEAVDOCTNVLQSGHSG 82  
QY 83 GCLDABQRDILYFSIRNGTHPVFTASRMWVYLKPS SPKHVRFMSHODAVYVTCSDLS 142  
Db 61 GCLDABQRDILYFSIRNGTHPVFTASRMWVYLKPS SPKHVRFMSHODAVYVTCSDLS 120  
QY 143 YGDLLYEVOYRSPDTEWOSKOENTCANTTEGLDAEKCYSFVVRVAMEDVYGPDTYPSD 202  
Db 121 YGDLLYEVOYRSPDTEWOSKOENTCANTTEGLDAEKCYSFVVRVAMEDVYGPDTYPSD 180  
QY 203 WSEVTCWQGEIRDACAEPTPPPKLSKFIILSLAILLMVSLLLSLMKLMRKVKFLI 262  
Db 181 WSEVTCWQGEIRDACAEPTPPPKLSKFIILSLAILLMVSLLLSLMKLMRKVKFLI 240  
QY 263 PSVPDPKSLFPGLEIHQGNFQEWITDTQNVAAHLHKMAGADESGPEEPLVYQAKTEAE 322  
Db 241 PSVPDPKSLFPGLEIHQGNFQEWITDTQNVAAHLHKMAGADESGPEEPLVYQAKTEAE 300  
QY 323 SPRMLDPOTEKEASGSLQLPHPQLOGGDVYVITGGFT FVMNDRSYVAL 371

Db 301 SPRMLDPQTEKEKASGSGSLPHQPLQGGDVVTIGGFTFVMDRSYVAL 349

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RESULT 9
US-09-895-943-6
; Sequence 6, Application US/09895943
; Patent No. US2002006823A1
; GENERAL INFORMATION:
; APPLICANT: Sarris, Chris
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 00-514-C
; CURRENT APPLICATION NUMBER: US/09/895,943
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: 60/214,866
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 349
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: TRANSMEM
; LOCATION: (210)..(230)
US-09-895-943-6

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Query Match Best Local Similarity 94.1%; Score 1878; DB 10; Length 349; Matches 349; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 23 OGGAAEGVQIITFNLETVQVTWNAKYSRTNLTFRHFNGBEAYDOCTNYLLQEGHTS 82
| 1 OGGAAEGVQIITFNLETVQVTWNAKYSRTNLTFRHFNGBEAYDOCTNYLLQEGHTS 60
DB 1 GCLDAEQRDILYFSIRNGTHPVFTASRMWVYLLKPSPKHVRFSWHDQAVTVTCSDLS 142
QY 83 GCLDAEQRDILYFSIRNGTHPVFTASRMWVYLLKPSPKHVRFSWHDQAVTVTCSDLS 142
| 61 GCLDAEQRDILYFSIRNGTHPVFTASRMWVYLLKPSPKHVRFSWHDQAVTVTCSDLS 120
DB 61 GCLDAEQRDILYFSIRNGTHPVFTASRMWVYLLKPSPKHVRFSWHDQAVTVTCSDLS 120
QY 143 YGDLLEYOYRSPPDTEMOSKOENTCNVTIEGLDAKCYSEFWVRKAMEDYVGPDTYPSD 202
| 121 YGDLLEYOYRSPPDTEMOSKOENTCNVTIEGLDAKCYSEFWVRKAMEDYVGPDTYPSD 180
DB 121 YGDLLEYOYRSPPDTEMOSKOENTCNVTIEGLDAKCYSEFWVRKAMEDYVGPDTYPSD 180
QY 203 WSEVTCWQGEIRDACAEPTPPKRLSKFLLISSAILLWVSLLSLMLKMRVKFFLI 240
| 181 WSEVTCWQGEIRDACAEPTPPKRLSKFLLISSAILLWVSLLSLMLKMRVKFFLI 240
DB 181 WSEVTCWQGEIRDACAEPTPPKRLSKFLLISSAILLWVSLLSLMLKMRVKFFLI 240
QY 263 PSVPDPKSIFFGLFEIHQGNFQEMITDTONVAHLHKMAGAQSDESGPEPLVQAKTEAE 322
| 241 PSVPDPKSIFFGLFEIHQGNFQEMITDTONVAHLHKMAGAQSDESGPEPLVQAKTEAE 300
DB 241 PSVPDPKSIFFGLFEIHQGNFQEMITDTONVAHLHKMAGAQSDESGPEPLVQAKTEAE 300
QY 323 SPRMLDPQTEKEKASGSGSLPHQPLQGGDVVTIGGFTFVMDRSYVAL 371
| 301 SPRMLDPQTEKEKASGSGSLPHQPLQGGDVVTIGGFTFVMDRSYVAL 349
DB 301 SPRMLDPQTEKEKASGSGSLPHQPLQGGDVVTIGGFTFVMDRSYVAL 349

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RESULT 10
US-09-895-593-9
; Sequence 9, Application US/0989593
; Patent No. US20020160949A1
; GENERAL INFORMATION:
; APPLICANT: Pandey, Akhilesh
; APPLICANT: Ozaki, Katsutoshi
; APPLICANT: Baumann, Heinz
; APPLICANT: Levin, Steven D.
; APPLICANT: Farr, Andrew G.
; APPLICANT: Ziegler, Steven F.
; APPLICANT: Leonard, Warren J.
; APPLICANT: Lodish, Harvey F.
; TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and
; TITLE OF INVENTION: Uses Thereof

```

```

; FILE REFERENCE: 00-514-E
; CURRENT APPLICATION NUMBER: US/09/895,593
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: 60/215,658
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Human
; OTHER INFORMATION: TSL-PR-FLAG
; NAME/KEY: TRANSMEM
; LOCATION: (210)..(230)
; NAME/KEY: DOMAIN
; LOCATION: (350)..(357)
; OTHER INFORMATION: FLAG sequence
US-09-895-593-9

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Query Match Best Local Similarity 94.1%; Score 1878; DB 9; Length 357; Matches 349; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 23 OGGAAEGVQIITFNLETVQVTWNAKYSRTNLTFRHFNGBEAYDOCTNYLLQEGHTS 82
| 1 OGGAAEGVQIITFNLETVQVTWNAKYSRTNLTFRHFNGBEAYDOCTNYLLQEGHTS 60
DB 1 GCLDAEQRDILYFSIRNGTHPVFTASRMWVYLLKPSPKHVRFSWHDQAVTVTCSDLS 142
QY 83 GCLDAEQRDILYFSIRNGTHPVFTASRMWVYLLKPSPKHVRFSWHDQAVTVTCSDLS 142
| 61 GCLDAEQRDILYFSIRNGTHPVFTASRMWVYLLKPSPKHVRFSWHDQAVTVTCSDLS 120
DB 61 GCLDAEQRDILYFSIRNGTHPVFTASRMWVYLLKPSPKHVRFSWHDQAVTVTCSDLS 120
QY 143 YGDLLEYOYRSPPDTEMOSKOENTCNVTIEGLDAKCYSEFWVRKAMEDYVGPDTYPSD 202
| 121 YGDLLEYOYRSPPDTEMOSKOENTCNVTIEGLDAKCYSEFWVRKAMEDYVGPDTYPSD 180
DB 121 YGDLLEYOYRSPPDTEMOSKOENTCNVTIEGLDAKCYSEFWVRKAMEDYVGPDTYPSD 180
QY 203 WSEVTCWQGEIRDACAEPTPPKRLSKFLLISSAILLWVSLLSLMLKMRVKFFLI 240
| 181 WSEVTCWQGEIRDACAEPTPPKRLSKFLLISSAILLWVSLLSLMLKMRVKFFLI 240
DB 181 WSEVTCWQGEIRDACAEPTPPKRLSKFLLISSAILLWVSLLSLMLKMRVKFFLI 240
QY 263 PSVPDPKSIFFGLFEIHQGNFQEMITDTONVAHLHKMAGAQSDESGPEPLVQAKTEAE 322
| 241 PSVPDPKSIFFGLFEIHQGNFQEMITDTONVAHLHKMAGAQSDESGPEPLVQAKTEAE 300
DB 241 PSVPDPKSIFFGLFEIHQGNFQEMITDTONVAHLHKMAGAQSDESGPEPLVQAKTEAE 300
QY 323 SPRMLDPQTEKEKASGSGSLPHQPLQGGDVVTIGGFTFVMDRSYVAL 371
| 301 SPRMLDPQTEKEKASGSGSLPHQPLQGGDVVTIGGFTFVMDRSYVAL 349
DB 301 SPRMLDPQTEKEKASGSGSLPHQPLQGGDVVTIGGFTFVMDRSYVAL 349

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RESULT 11
US-09-895-943-9
; Sequence 9, Application US/09895943
; Patent No. US2002006823A1
; GENERAL INFORMATION:
; APPLICANT: Sarris, Chris
; APPLICANT: Chang, Ming-Shi
; TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 00-514-C
; CURRENT APPLICATION NUMBER: US/09/895,943
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: 60/214,866
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 357
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Human
; OTHER INFORMATION: TSL-PR-FLAG

```

NAME/KEY: TRANSMEM  
LOCATION: (210) .. (230)  
NAME/KEY: DOMAIN  
LOCATION: (350) .. (357)  
OTHER INFORMATION: FLAG sequence  
US-09-895-943-9

Query Match 94.1%; Score 1878; DB 10; Length 357;  
Best Local Similarity 100.0%; Pred. No. 1.2e-157;  
Matches 349; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 23 OGGAAGVOIITFYENLEVOYVWNAKSKSRNMLFHYFNGDEADOCNTYLLDGHNS 82  
DB 1 OGGAAGVOIITFYENLEVOYVWNAKSKSRNMLFHYFNGDEADOCNTYLLDGHNS 60  
QY 83 GCLLDAEQRDILYFSTRNGTHPVFASRMVYLLKPSKPKVRRSMHODAVTVCSDLS 142  
DB 61 GCLLDAEQRDILYFSTRNGTHPVFASRMVYLLKPSKPKVRRSMHODAVTVCSDLS 120  
QY 143 YGDLLEYOYRSPDTEWOSKOENTCNVTIEGLDAEKCYSEFWVRKAMEDYGGPTYPSD 202  
DB 121 YGDLLEYOYRSPDTEWOSKOENTCNVTIEGLDAEKCYSEFWVRKAMEDYGGPTYPSD 180  
QY 203 WSEVTCMORGEIRDACETPTPPKPKLSKFLISSLAILLVSLLSLMLKMKVKKFLI 262  
DB 181 WSEVTCMORGEIRDACETPTPPKPKLSKFLISSLAILLVSLLSLMLKMKVKKFLI 240  
QY 263 PSVDPKSIFFGLFEIHQGNFQEWITDTQNVVHLKMGAGAEQSGPEEPVYOLAKTEAE 322  
DB 241 PSVDPKSIFFGLFEIHQGNFQEWITDTQNVVHLKMGAGAEQSGPEEPVYOLAKTEAE 300  
QY 323 SPRMLDPOTEKEKASGSLQPHQPLDGGDVYITGGFTFVMNDRSYAL 371  
DB 301 SPRMLDPOTEKEKASGSLQPHQPLDGGDVYITGGFTFVMNDRSYAL 349

## RESULT 12

US-10-078-059-25  
Sequence 25, Application US/10078059  
Publication No. US20020193305A1  
GENERAL INFORMATION:  
APPLICANT: Ruben et al.  
FILE REFERENCE: Cytochrome Receptor Common Gamma Chain Like  
CURRENT APPLICATION NUMBER: US/10/078,059  
PRIOR FILING DATE: 2002-02-20  
PRIOR APPLICATION NUMBER: 60/269,876  
PRIOR FILING DATE: 2001-02-21  
PRIOR APPLICATION NUMBER: PCT/US00/22493  
PRIOR FILING DATE: 2000-08-17  
PRIOR APPLICATION NUMBER: 09/376,430  
PRIOR FILING DATE: 1999-08-18  
PRIOR APPLICATION NUMBER: 09/263,626  
PRIOR FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: PCT/US99/05068  
PRIOR FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: 60/086,505  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/078,563  
PRIOR FILING DATE: 1998-03-19  
NUMBER OF SEQ ID NOS: 32  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 25  
LENGTH: 181  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: SITE  
LOCATION: (68)  
OTHER INFORMATION: Xaa equals any amino acid  
NAME/KEY: SITE  
LOCATION: (73)  
OTHER INFORMATION: Xaa equals any amino acid

NAME/KEY: SITE  
LOCATION: (88)  
OTHER INFORMATION: Xaa equals any amino acid  
US-10-078-059-25

Query Match 47.3%; Score 943; DB 9; Length 181;  
Best Local Similarity 98.3%; Pred. No. 1.1e-75;  
Matches 178; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 190 MEDVYGPDPYSDMSEVTCMORGEIRDACETPTPPKPKLSKFLISSLAILLVSLLL 249  
DB 1 MEDVYGPDPYSDMSEVTCMORGEIRDACETPTPPKPKLSKFLISSLAILLVSLLL 60  
QY 250 SLMLKMKVKKFLISSVDPKSIFFGLFEIHQGNFQEWITDTQNVVHLKMGAGAEQSGPE 309  
DB 61 SLMLKMKVKKFLISSVDPKSIFFGLFEIHQGNFQEWITDTQNVVHLKMGAGAEQSGPE 120  
QY 310 EPLVYOLAKTEAESPRMLDPOTEKEKASGSLQPHQPLDGGDVYITGGFTFVMNDRSYV 369  
DB 121 EPLVYOLAKTEAESPRMLDPOTEKEKASGSLQPHQPLDGGDVYITGGFTFVMNDRSYV 180  
QY 370 A 370  
DB 181 A 181

## RESULT 13

US-09-376-430-25  
Sequence 25, Application US/09376430  
Publication No. US20030028006A1  
GENERAL INFORMATION:  
APPLICANT: Moore, Paul A.  
APPLICANT: Rosen, Craig A.  
TITLE OF INVENTION: Cytochrome Receptor Common Gamma Chain Like  
FILE REFERENCE: PFA66P1  
CURRENT APPLICATION NUMBER: US/09/376,430  
PRIOR FILING DATE: 1999-08-18  
PRIOR APPLICATION NUMBER: 60/086,505  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/078,563  
PRIOR FILING DATE: 1998-03-19  
PRIOR APPLICATION NUMBER: 09/263,626  
PRIOR FILING DATE: 1999-03-05  
PRIOR APPLICATION NUMBER: PCT/US99/05068  
NUMBER OF SEQ ID NOS: 32  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 25  
LENGTH: 181  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: SITE  
LOCATION: (68)  
OTHER INFORMATION: Xaa equals any amino acid  
NAME/KEY: SITE  
LOCATION: (73)  
OTHER INFORMATION: Xaa equals any amino acid  
NAME/KEY: SITE  
LOCATION: (88)  
OTHER INFORMATION: Xaa equals any amino acid  
US-09-376-430-25

Query Match 47.3%; Score 943; DB 9; Length 181;  
Best Local Similarity 98.3%; Pred. No. 1.1e-75;  
Matches 178; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 190 MEDVYGPDPYSDMSEVTCMORGEIRDACETPTPPKPKLSKFLISSLAILLVSLLL 249  
DB 1 MEDVYGPDPYSDMSEVTCMORGEIRDACETPTPPKPKLSKFLISSLAILLVSLLL 60

Query Match	Similarity	34.2%	Score 682	DB 9	Length 170
Best Local	Similarity	99.2%	Pred. No. 9.6e-53		
Matches 126	Conservative	0	Mismatches 1	Indels 0	Gaps
QY	1	MGRLLVLLGAAVFLILGGMMALGOGGSAEGVOIQIIFYNLETVQYVTWNAKSKYSRTNLTFHY	60		
Db	1	MGRLLVLLGAAVFLILGGMMALGOGGSAEGVOIQIIFYNLETVQYVTWNAKSKYSRTNLTFHY	60		
QY	61	RNNGEAVTDQCTNYILQSGHISGCLLDAEQRDDIYESIRNGTHPVFLASKMMYYLKP	120		
Db	61	RNNGEAVTDQCTNYILQSGHISGCLLDAEQRDDIYESIRNGTHPVFLASKMMYYLKP	120		
QY	121	SPKHVRF	127		
Db	121	SPKHVRF	127		





GenCore version 5.1.4-p5.4578  
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OM protein - protein search, using sw model

Run on: March 13, 2003, 18:25:27 ; Search time 16 Seconds  
(without alignments)  
682.244 Million cell updates/sec

Title: US-09-376-430-2

Sequence: 1995  
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Searched: 262574 segs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_AA:\*  
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2: /cgn2\_6/ptodata/2/1aa/5B\_COMB.pep.\*  
3: /cgn2\_6/ptodata/2/1aa/6A\_COMB.pep.\*  
4: /cgn2\_6/ptodata/2/1aa/6B\_COMB.pep.\*  
5: /cgn2\_6/ptodata/2/1aa/PCBUS\_COMB.pep.\*  
6: /cgn2\_6/ptodata/2/1aa/backfile1.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	205	10.3	369	2	US-08-424-224-2
2	205	10.3	369	5	PCT-US94-02891-69
3	195	9.8	347	1	US-08-052-205-7
4	195	9.8	347	1	US-08-595-974-7
5	195	9.8	369	1	US-08-052-205-4
6	195	9.8	369	1	US-08-595-974-4
7	195	9.8	369	4	US-09-191-786-2
8	176	8.8	538	3	US-09-040-005-2
9	176	8.8	538	4	US-09-522-217-115
10	171.5	8.6	482	4	US-09-189-129-2
11	162.5	8.1	427	4	US-08-969-125-9
12	159.5	8.0	230	1	US-08-052-205-11
13	159.5	8.0	230	1	US-08-595-974-11
14	159.5	8.0	252	1	US-08-052-205-9
15	159.5	8.0	252	1	US-08-595-974-9
16	155	7.8	383	1	US-08-609-572-2
17	155	7.8	383	4	US-08-841-751-2
18	155	7.8	383	4	US-08-846-340-2
19	155	7.8	383	4	US-08-846-344-2
20	151.5	7.6	438	4	US-09-339-838-5
21	151.5	7.6	438	4	US-09-339-838-7
22	144.5	7.2	508	2	US-08-850-293-5
23	144.5	7.2	522	1	US-08-164-614A-10
24	144.5	7.2	522	2	US-08-164-614A-10
25	135	6.8	459	6	US-08-456-489B-10
26	131.5	6.6	468	1	US-08-164-614A-7
27	131.5	6.6	468	2	US-08-456-489B-7

28	131.5	6.6	536	1	US-08-164-614A-12	Sequence 12, Appl
29	131.5	6.6	536	2	US-08-456-489B-12	Sequence 12, Appl
30	131.5	6.6	897	1	US-07-960-389-2	Sequence 2, Appl
31	126.5	6.3	551	4	US-09-194-145-2	Sequence 2, Appl
32	126.5	6.3	551	6	5198359-2	Patent No. 5198359
33	126.5	6.3	551	6	5449756-2	Patent No. 5449756
34	121	6.1	379	1	US-08-164-614A-8	Sequence 8, Appl
35	121	6.1	379	2	US-08-456-489B-8	Sequence 8, Appl
36	119.5	6.0	380	1	US-08-609-572-4	Sequence 4, Appl
37	119.5	6.0	380	4	US-08-841-751-4	Sequence 4, Appl
38	119.5	6.0	380	4	US-08-846-340-4	Sequence 4, Appl
39	119.5	6.0	380	4	US-08-846-344-4	Sequence 4, Appl
40	118	5.9	258	1	US-08-336-708A-10	Sequence 10, Appl
41	113	5.7	325	2	US-08-683-743-4	Sequence 4, Appl
42	109	5.5	620	4	US-09-000-145-1	Sequence 1, Appl
43	108	5.4	382	2	US-08-078-311-3	Sequence 3, Appl
44	108	5.4	382	2	US-08-460-402-3	Sequence 3, Appl
45	104.5	5.2	599	4	US-09-000-145-2	Sequence 2, Appl

## ALIGNMENTS

RESULT 1  
US-08-424-224-2  
; Sequence 2, Application US/08424224  
; Patent No. 5912173  
GENERAL INFORMATION:  
; APPLICANT: LEONARD, WARREN J. CDNA AND  
; TITLE OF INVENTION: MURINE IL-2R  
; TITLE OF INVENTION: USES THEREOF  
; NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN  
STREET: 345 PARK AVE.  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORD PERFECT # 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/424,224  
FILING DATE:  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/121,435  
FILING DATE: 14-SEPT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: WILLIAM S. FEILER  
REGISTRATION NUMBER: 26,728  
REFERENCE/DOCKET NUMBER: 2026-4061US1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-758-4800  
TELEFAX: 212-751-6849  
TELEX: 421792  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 369  
TYPE: AMINO ACID  
TOPOLOGY: UNKNOWN  
MOLECULE TYPE: PROTEIN  
DESCRIPTION: NO  
HYPOTHETICAL: NO  
ORIGINAL SOURCE: MURINE  
INDIVIDUAL ISOLATE: IL-2R  
US-08-424-224-2  
Query Match 10.3%; Score 205; DB 2; Length 369;

Best Local Similarity 26.5%; Pred. No. 2.6e-13;  
Matches 75; Conservative 47; Mismatches 103; Indels 58; Gaps 16;

QY 31 QIQLIFNLEFVQVYTNWAKSKSR--TNLTFHFRF--NGDEAVDOCTNYILQEGHSGCLLD 87  
Db 59 EVQCFVNEIEFMTNCTWSSSEPOATNLTILHRYVSDNNTFQESSHYLFSEKITSQCI- 117  
QY 88 AEORDDI-LY---FSIRNGTHPVFTASRWVYLYK-----PSSPKHFRS----- 128  
Db 118 --OKEDIQLYQTFVQLODPQK---QRAVQKLNQNLVTPAPENLTISNESOLE 171  
QY 129 --WHQDAVYTCSDLSGDLILEYQYSPDTEWQSKOEN--TCNVTEGLDAEKCYSFVW 185  
Db 172 LRKSKRIKERC-----LQYLQYRSNDRSWTELVNHEPRFSLPSVDELKRYTFRV 224  
QY 186 RVKAMEDVYGPDTYPSDWSEVTCWQGEIRDACAETPTPKPKL--SKFLISSLATILM 243  
Db 225 RSR-YNPICSSQOQWSKWSQPVHMGSHTYE-----NPSLFALEAVLIPIVGTWGLI 274  
QY 244 VSILLLSMKLWVKKFLISVPDPKSIFFGLFEIHQGNFQEW 286  
Db 275 ILLFVYCW-LER---MPPIPKNL-EDLVTEYQGNFSAW 310

# RESULT 2

PCT-US94-02891-69

GENERAL INFORMATION:  
APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS  
APPLICANT: REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN  
APPLICANT: SERVICES  
APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL  
APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA  
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF  
TITLE OF INVENTION: XSCID  
NUMBER OF SEQUENCES: 69  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN  
STREET: 345 PARK AVE.  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORD PERFECT # 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/02891  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/031,143  
FILING DATE: 12-MAR-1993  
APPLICATION NUMBER: 08/121,435  
FILING DATE: 14-SEPT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: WILLIAM S. FEILER  
REGISTRATION NUMBER: 26,728  
REFERENCE/DOCKET NUMBER: 2026-4061  
TELEPHONE: 212-751-6849  
TELEFAX: 212-751-4800  
TELEX: 421792  
SEQUENCE CHARACTERISTICS:  
INFORMATION FOR SEQ ID NO: 69:  
LENGTH: 369  
TYPE: AMINO ACID  
TOPOLOGY: UNKNOWN  
MOLECULE TYPE: PROTEIN  
HYPOTHETICAL: NO

ORIGINAL SOURCE:  
ORGANISM: MURINE  
INDIVIDUAL ISOLATE: IL-2R  
PCT-US94-02891-69

Query Match 10.3%; Score 205; DB 5; Length 369;  
Best Local Similarity 26.5%; Pred. No. 2.6e-13;  
Matches 75; Conservative 47; Mismatches 103; Indels 58; Gaps 16;

QY 31 QIQLIFNLEFVQVYTNWAKSKSR--TNLTFHFRF--NGDEAVDOCTNYILQEGHSGCLLD 87  
Db 59 EVQCFVNEIEFMTNCTWSSSEPOATNLTILHRYVSDNNTFQESSHYLFSEKITSQCI- 117  
QY 88 AEORDDI-LY---FSIRNGTHPVFTASRWVYLYK-----PSSPKHFRS----- 128  
Db 118 --OKEDIQLYQTFVQLODPQK---QRAVQKLNQNLVTPAPENLTISNESOLE 171  
QY 129 --WHQDAVYTCSDLSGDLILEYQYSPDTEWQSKOEN--TCNVTEGLDAEKCYSFVW 185  
Db 172 LRKSKRIKERC-----LQYLQYRSNDRSWTELVNHEPRFSLPSVDELKRYTFRV 224  
QY 186 RVKAMEDVYGPDTYPSDWSEVTCWQGEIRDACAETPTPKPKL--SKFLISSLATILM 243  
Db 225 RSR-YNPICSSQOQWSKWSQPVHMGSHTYE-----NPSLFALEAVLIPIVGTWGLI 274  
QY 244 VSILLLSMKLWVKKFLISVPDPKSIFFGLFEIHQGNFQEW 286  
Db 275 ILLFVYCW-LER---MPPIPKNL-EDLVTEYQGNFSAW 310

# RESULT 3

US-08-052-205-7

Sequence 7, Application US/08052205

Patent No. 5510259

GENERAL INFORMATION:  
APPLICANT: SUGAMURA, KAZUO  
APPLICANT: TAKEHISHITA, TOSHIKAZU  
APPLICANT: ASAO, HIRONOBU  
APPLICANT: NAKAMURA, MASATKA  
APPLICANT: SHIMAMURA, TOSHIRO  
APPLICANT: SUZUKI, MANABU  
APPLICANT: HAMURO, JUNJI  
TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: P. C. JEFFERSON DAVIS HIGHWAY, SUITE 400  
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: U.S.A.  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/052,205  
FILING DATE: 19930422  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 104947/1992  
FILING DATE: 23-APR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Obion, No. 5510259man F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 10-615-0X  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 7:



REFERENCE/DOCKET NUMBER: 10-615-0X  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 413-3000  
 TELEFAX: (703) 413-2220  
 TELE: 248855 OPAT UR  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 369 amino acids  
 TYPE: AMINO ACID  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-052-205-4

Query Match 9.8%; Score 195; DB 1; Length 369;  
 Best Local Similarity 25.1%; Pred. No. 3e-12;  
 Matches 71; Conservative 56; Mismatches 98; Indels 58; Gaps 15;

QY 31 QIQLIFNLETVQVWNAKSKYR-TNLTFRFR-NGD-EAYDOCTNYLLOEGHTSGCLLD 87  
 Db 59 EVQCFVFNVEYMNCTWSSSEPOPTNLTHWYKNSDNDKVKCSHYLFSEETSGCOL- 117  
 QY 88 AEQRDILYFSIRNGTHPVFTASRMVYLYLKPSPK-----HFRSMHODAVTV- 136  
 Db 118 -QKKEIHL-----QTFVYQDQDPREPRQATQMLKQNLVTPAPENLTLH 163  
 QY 137 ----TCSDSLSDYGD-----LLYEYVRSPTDTEW-OSKQENTCNVITEGLDAEKCYSEFW 185  
 Db 164 KLSSEGLELNMNRRFLNHCLEHLVQTRTDWDSWTEQSYDVRHRSFLPSVDGQKRYTFRV 223  
 QY 186 RYKAMEDVYGPDTYPSDSEVTCWQGEIRDACAEPTPEPKL--SKFLLISLAILLM 243  
 Db 224 RSR-FNPLCGSAQHSEMSHPIM-----GSNTSKENPFLPALDAVVISVSGMGLI 273  
 QY 244 VSLILSLIMKLMRYKFKLIPSVDPKSIFFGLFEIHQGNFOEM 286  
 Db 274 ISLICYFW-LERT---MPRIPLKMLDLYTEYH-GNFSAM 310

# RESULT 6

US-08-595-974-4  
 ; Sequence 4; Application US/08595974  
 ; Patent No. 5705608

## GENERAL INFORMATION:

APPLICANT: SUGAMURA, KAZUO  
 APPLICANT: TAKESHITA, TOSHIKAZU  
 APPLICANT: ASAO, HIRONOBU  
 APPLICANT: NAKAMURA, MASATAKA  
 APPLICANT: SHIMAMURA, TOSHIRO  
 APPLICANT: SUZUKI, MANABU  
 APPLICANT: HAMURO, JUNJI  
 TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,  
 STREET: 1735 S. Jefferson Davis Highway, Suite 400  
 CITY: Arlington  
 STATE: Virginia  
 COUNTRY: U.S.A.  
 ZIP: 22202

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/595,974  
 FILING DATE: 06-FEB-1996  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/052,205  
 FILING DATE: 22-APR-1993  
 APPLICATION NUMBER: JP 104947/1992

FILING DATE: 23-APR-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Oblon, No. 5705608man F.  
 REGISTRATION NUMBER: 24,618  
 REFERENCE/DOCKET NUMBER: 10-615-0X  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 413-3000  
 TELEFAX: (703) 413-2220  
 TELE: 248855 OPAT UR  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 369 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-595-974-4

Query Match 9.8%; Score 195; DB 1; Length 369;  
 Best Local Similarity 25.1%; Pred. No. 3e-12;  
 Matches 71; Conservative 56; Mismatches 98; Indels 58; Gaps 15;

QY 31 QIQLIFNLETVQVWNAKSKYR-TNLTFRFR-NGD-EAYDOCTNYLLOEGHTSGCLLD 87  
 Db 59 EVQCFVFNVEYMNCTWSSSEPOPTNLTHWYKNSDNDKVKCSHYLFSEETSGCOL- 117  
 QY 88 AEQRDILYFSIRNGTHPVFTASRMVYLYLKPSPK-----HFRSMHODAVTV- 136  
 Db 118 -QKKEIHL-----QTFVYQDQDPREPRQATQMLKQNLVTPAPENLTLH 163  
 QY 137 ----TCSDSLSDYGD-----LLYEYVRSPTDTEW-OSKQENTCNVITEGLDAEKCYSEFW 185  
 Db 164 KLSSEGLELNMNRRFLNHCLEHLVQTRTDWDSWTEQSYDVRHRSFLPSVDGQKRYTFRV 223  
 QY 186 RYKAMEDVYGPDTYPSDSEVTCWQGEIRDACAEPTPEPKL--SKFLLISLAILLM 243  
 Db 224 RSR-FNPLCGSAQHSEMSHPIM-----GSNTSKENPFLPALDAVVISVSGMGLI 273  
 QY 244 VSLILSLIMKLMRYKFKLIPSVDPKSIFFGLFEIHQGNFOEM 286  
 Db 274 ISLICYFW-LERT---MPRIPLKMLDLYTEYH-GNFSAM 310

# RESULT 7

US-09-191-786-2  
 ; Sequence 2; Application US/09191786  
 ; Patent No. 6372898

## GENERAL INFORMATION:

APPLICANT: Cacalano, Nicholas A.  
 APPLICANT: Johnston, James A.  
 TITLE OF INVENTION: Mammalian Protein Variants and Methods  
 NUMBER OF SEQUENCES: 2  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: DNAX Research Institute  
 STREET: 901 California Avenue  
 CITY: Palo Alto  
 STATE: California  
 COUNTRY: USA  
 ZIP: 94304-1104

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/191,786  
 FILING DATE: 11-NOV-1998  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Ching, Edwin P.  
 REGISTRATION NUMBER: 34,090  
 REFERENCE/DOCKET NUMBER: DX0920  
 TELECOMMUNICATION INFORMATION:

TELEPHONE: (650)852-9196  
 TELEFAX: (650)496-1200  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 369 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: not relevant  
 TOPOLOGY: linear  
 MOLECULE TYPE: peptide  
 FEATURE:  
 NAME/KEY: CDS  
 LOCATION: 1..1062  
 US-09-191-786-2

Query Match 9.8%; Score 195; DB 4; Length 369;  
 Best local similarity 25.1%; Pred. No. 36-12; Indels 58; Gaps 15;  
 Matches 71; Conservative 56; Mismatches 98;

QY 31 QIOLIFNLEVOVTWASKYSR-TNLTFHYRF-NGD-EAYDOCTNYLLOEGHTSGCLLD 87  
 Db 59 EVQCFVNEVEMNCTNSSEPOPTNLTLLHYWYKNSDNDKVKQCSHYLSEITSGCOL- 117  
 QY 88 AEQRDILYFIRNGTIPVFTASRMVYLLKPSPK-----HYRFSMHQDAVTV- 136  
 Db 118 -QKKEIHLY-----QTFVQLODPRPRQATQMLKQLVTPMAPENILTLH 163  
 QY 137 ---TCSDSLTYGD-----LLYEVQYRSPDTEM-QSKOENTCIVTEGLDAEKCYSEFW 185  
 Db 164 KISEQLELNMNMRFLNCHLEHLVQYRDMDSWTEQSVDRHKSFLPSVDGQKRYTFRV 223  
 QY 186 RYKAMEDVYGPPTYSMDSEVTCMORGEIRDACAETPPPKPL-SKFLISLAILLM 243  
 Db 224 RSR-FNPFLGSAQHSEMSHPILHW-----GSNTSKENPFLFALEAVVISVSGMLI 273  
 QY 244 VSLILSLKMLRVKFKLLIPVDPKSTFPGLFELHOGNPOQEW 286  
 Db 274 ISLCLYFW-LERT---MPRIPLTKNEDLVETEH-GNFSAN 310

## RESULT 8

US-09-040-005-2  
 Sequence 2, Application US/09040005  
 Patent No. 6057128  
 GENERAL INFORMATION:  
 APPLICANT: Donaldson, Debra  
 APPLICANT: Unger, Michelle  
 TITLE OF INVENTION: MU-1 RECEPTOR  
 NUMBER OF SEQUENCES: 8  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Genetics Institute, Inc.  
 STREET: 87 Cambridgepark Drive  
 CITY: Cambridge  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02140  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/040.005  
 FILING DATE:  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Brown, Scott A 32,724  
 REGISTRATION/DOCKET NUMBER: G15320  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-876-8224  
 TELEFAX: 617-876-5851  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:

LENGTH: 538 amino acids  
 TYPE: amino acid  
 STRANDEDNESS:  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-09-040-005-2

Query Match 8.8%; Score 176; DB 3; Length 538;  
 Best local similarity 24.0%; Pred. No. 5,6e-10;  
 Matches 94; Conservative 60; Mismatches 143; Indels 94; Gaps 21;

QY 8 WGAAYFL---GGWMAIGGGAEGVOIILYFN-LETV---QVTWASKSRNTLTFHY 60  
 Db 5 WAAPLILLLLQSGW-----GCPDLVCTDYIQLVITCLLEWNLHP---STLITLW 51  
 QY 61 RFNGDEAYDOCTNYLLOEGH-----TSGCLLDA--EQRDILYFSI--RNGTHPVFTAS 110  
 Db 52 QDQVEELKDEATSCSLHRSANHTATYCHMDVHFPMADDIFSVNITDQSGNYSQEGCS 111  
 QY 111 RMYVYLLKPSPKHY-----RFSMHQDAVTVTCSLSY-----GDLYEVQYRSPDT 158  
 Db 112 FLLESLTFAPFPVTVITFGQYNISWRD-----YEDAFYMLKKGKQLYELQIRKQDP 166  
 QY 159 EWOSKOE-----NTCNVITISGLDAEKCYSPVRYKAMEDVYGP---DTYPSDMSEVTCW- 209  
 Db 167 WAVSPRRKLISVDSRSVSLPLEFRKDSYELQVRA-----GMPSSSYQGTWSE---WS 218  
 QY 210 -----ORGEIRDACAETPPPKPLSKFLISLAILLMVSLILSLKMLRVKFKPLI 262  
 Db 219 DVIYQTOSEELKEGW-----NPILLILLIVIFIPAFWSIKTHPLRLMK-----KI 267  
 QY 263 PSVPDPKSTFPGLFELHOGNPOEWITDQVNAHLHKMAGAEQESGPEPLVOLAkteAE 322  
 Db 268 WAVSPERFEMPLVYGGSGDEKRWG-----APFGSSLELFGPSPPEVPTLEVYSC 319  
 QY 323 SPRLMDPOTEEREKESGSLQPLRQPLQGDV 353  
 Db 320 HP-----PRSPAKRLQTLTEQEPALVESDGV 346

## RESULT 9

US-09-522-217-115  
 Sequence 115, Application US/09522217  
 Patent No. 6307024  
 GENERAL INFORMATION:  
 APPLICANT: No. 6307024ak, Julia E.  
 APPLICANT: Presnell, Scott R.  
 APPLICANT: Sprecher, Cindy A.  
 APPLICANT: Foster, Donald C.  
 APPLICANT: Holly, Richard D.  
 APPLICANT: Gross, Jane A.  
 APPLICANT: Johnston, Janet V.  
 APPLICANT: Nelson, Andrew J.  
 APPLICANT: Dillon, Stacey R.  
 APPLICANT: Hammond, Angela K.  
 TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND  
 FILE REFERENCE: 99-16  
 CURRENT APPLICATION NUMBER: US/09/522.217  
 CURRENT FILING DATE: 2000-03-09  
 EARLIER APPLICATION NUMBER: US 60/123,547  
 EARLIER FILING DATE: 1999-03-09  
 EARLIER APPLICATION NUMBER: US 60/123,904  
 EARLIER FILING DATE: 1999-03-11  
 EARLIER APPLICATION NUMBER: US 60/142,013  
 EARLIER FILING DATE: 1999-07-01  
 NUMBER OF SEQ ID NOS: 115  
 SOFTWARE: FastSeq for Windows Version 3.0  
 SEQ ID NO 115  
 LENGTH: 538  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-522-217-115

Query Match 8.8%; Score 176; DB 4; Length 538;  
 Best Local Similarity 24.0%; Pred No. 5, 6e-10;  
 Matches 94; Conservative 60; Mismatches 143; Indels 94; Gaps 21;

```

OY 8 WCAAVFL---GGMALGGGGAESVOIQIYFN-LEFY---QVWNAKYSRTNLTREY 60
DB 5 WAAPLLILLGGW-----GCPDLVCTDYLTQVTCLEMMNHP---STLTITW 51
OY 61 RFGNDEAYDOCTNYLL-GEFH-----TSGCLLDA--EQRDLIYFSI--RNGTHPEFTAS 110
DB 52 ODQYELKDEATSCSLHRSANHAHTATYTHCHDVHEMADIDFFSVNTIDSGNYSQEGS 111
OY 111 RNVVYLLKSSPKHV-----RFSWHDVATVTCSDLSY---GDLYVQVRSPPDT 158
DB 112 FILAESIKAPPNVNTVTFESGOYNISMRSD-----YEDPARYMLKGLQELQYRNNGDP 166
OY 159 EMOSKOE-----NTCNVTEGIDAEKCSFWVRKAMDYGP---DTYPSDMSEVYCW- 209
DB 167 WAVSPRRKLIVDSRSVSLPLERKDSSTELQVRA-----GPMFGSSYOGTWSE--WS 218
OY 210 -----ORGEIRDACATPTPPKPKLSKFLISSLAILLWVSLILLSTLTKIRVKKFLI 262
DB 219 DPVIFQTOSELEKGM-----NPHLLILLIYVIFIPAFWBLKTHPLMKL-----KI 267
OY 263 PSVDPSPISFPGLEIHQNFQEWITDTQVAHLHKMAGAESGPEEPLVQALAKTEAE 322
DB 268 WAVSPERFEMPIYKKGSGDFKRWG-----APFTSSSLBLGWSPEVSTLEVYSC 319
OY 323 SPRMLDQTEEKASGSSGLQPLPHQPLGGDV 353
DB 320 HP-----PRSPAKRLQLELOEPAELVESDGV 346

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RESULT 10  
 US-09-189-129-2  
 ; Sequence 2, Application US/09189129  
 ; Patent No. 6333037

## GENERAL INFORMATION:

APPLICANT: Burkly, Linda C  
 APPLICANT: Benjamin, Christopher D  
 APPLICANT: Hession, Catherine A  
 TITLE OF INVENTION: COMMON GAMMA CHAIN BLOCKING AGENTS  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Biogen, Inc.  
 STREET: 14 Cambridge Center  
 CITY: Cambridge  
 STATE: Massachusetts  
 COUNTRY: USA  
 ZIP: 02142

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/189,129  
 FILING DATE:

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: A006 PCT CIP  
 FILING DATE: 09-MAY-1997  
 APPLICATION NUMBER: 60/017,466  
 FILING DATE: 10-MAY-1996  
 ATTORNEY/AGENT INFORMATION:

NAME: Kaplan, Warren A.  
 REGISTRATION NUMBER: 34,199  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617 679-2000  
 TELEFAX: 617 679-2838

INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:

LENGTH: 482 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE:  
 HYPOTHETICAL: YES  
 ANTI-SENSE: NO  
 US-09-189-129-2

Query Match 8.6%; Score 171.5; DB 4; Length 482;  
 Best Local Similarity 24.1%; Pred. No. 1, 4e-09;  
 Matches 58; Conservative 44; Mismatches 80; Indels 59; Gaps 11;

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OY 31 QIITIFNLETVQVWNAKYSR-TNLFHYRF-NGD-EAVDQCTNLLQEGHSGCLD 87
DB 59 EVQCEVFNVEYMCNWSNSEPQPLNLILHYWYNSNDKVKQCSHYLFSEETISGCOL- 117
OY 88 AEQRDLIYFSIRNGTHVFTASRWVYLLKPSPK-----HFRFSWHDVATV- 136
DB 118 -QKREIHLX-----QTEVVOQDPREPFRQATQMLKQLNVLIPAPENULTIH 163
OY 137 -----TCSDSLTD-----LTYEYVRSPPDTEW-OSKQDENTCNVTEGLDAKCYSEWY 185
DB 164 KLSSEOLELNMNMFNLHNCLEHLVQYRTDMDHSWTQSVQYRHKESLPSVDOQKRYMERV 223
OY 186 RVKAMEDVYGPDIYPSDMSEVTCWQGEIRDACATPT-----PPKP 227
DB 224 RSR-FNPLCSAQWBSHPHMGSNSTSKENVDKTHTCPPCPAPELLGGRSVLFPKP 282
OY 228 K 228
DB 283 K 283

```

RESULT 11  
 US-08-969-125-9  
 ; Sequence 9, Application US/08969125B  
 ; Patent No. 6143871

## GENERAL INFORMATION:

APPLICANT: BONNEFOY, JEAN-YVES  
 CAUCHAT, JEAN-FRANCOIS  
 TITLE OF INVENTION: SUBSTANCES AND THEIR USES  
 NUMBER OF SEQUENCES: 9  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: NIXON & VANDERHAYE P.C.  
 STREET: 1100 NORTH GLEBE ROAD  
 CITY: ARLINGTON  
 STATE: VIRGINIA  
 COUNTRY: U.S.A.  
 ZIP: 22201-4714

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/969,125B  
 FILING DATE: 12-NO. 6143871-1997  
 CLASSIFICATION: <unknown>

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9625899.1  
 FILING DATE: 13-DEC-1996  
 ATTORNEY/AGENT INFORMATION:

NAME: WILSON, MARY J.  
 REGISTRATION NUMBER: 32,955  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 816-4100  
 TELEFAX: (703) 816-4100

INFORMATION FOR SEQ ID NO: 9:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 427 amino acids  
 TYPE: amino acid



TELEPHONE: (703) 413-3000  
 TELEFAX: (703) 413-2220  
 TELEX: 248855 OPAT UR  
 INFORMATION FOR SEQ ID NO: 11:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 230 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-595-974-11

Query Match 8.0%; Score 159.5; DB 1; Length 230;  
 Best Local Similarity 25.0%; Pred. No. 8.5e-09;  
 Matches 51; Conservative 42; Mismatches 70; Indels 41; Gaps 10;

QY 31 QIQLIYENLEQVYWNASKYSR-TNLFPHYRF-NGD-EAYDQCTNYLLQEGHTSGCLD 87  
 Db 37 EVQCFEYFVYWNCTNNSSEPOPTNLTLHYWKNSDNDKVKCSHYLFSEETISGCL- 95  
 QY 88 AEQRDILYFSIRNGTHPFTASRMVYLYLKPSRK-----HYFSSHQDAVTV- 136  
 Db 96 -QKKEIHL-----QTFVYQLQDPRPRRQATQMLKQLNLYIPAPENLTLH 141  
 QY 137 ----TCSDLSTYGD-----LLEYVQYRSPFDTEW-QSKQENTCNVITIGLDAEKCYSEFW 185  
 Db 142 KLSSEQLLENNNNRFLNHCLEHLVQYRTDMDHSWTEQSVDYRHKFSLPSVDQKRTFRV 201  
 QY 186 RKVAMEDVYGPPTYSDMSSEVTCW 209  
 Db 202 RSR-FNPICGSAQHSEWSHPRIHW 224

## RESULT 14

US-08-052-205-9  
 Sequence 9, Application US/08052205  
 Patent No. 5510259  
 GENERAL INFORMATION:  
 APPLICANT: SUGAMURA, KAZUO  
 APPLICANT: TAKESHITA, TOSHIKAZU  
 APPLICANT: ASAO, HIRONOBU  
 APPLICANT: NAKAMURA, MASATAKA  
 APPLICANT: SHIMAMURA, TOSHIRO  
 APPLICANT: SUZUKI, MANABU  
 APPLICANT: HAMURO, JUNJI  
 TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
 STREET: 1755 S. Jefferson Davis Highway, Suite 400  
 CITY: Arlington  
 STATE: Virginia  
 COUNTRY: U.S.A.  
 ZIP: 22202  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/052,205  
 FILING DATE: 19930422  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: JP 104947/1992  
 FILING DATE: 23-APR-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Oblon, No. 5510259man F.  
 REGISTRATION NUMBER: 24,618  
 REFERENCE/DOCKET NUMBER: 10-615-0X  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 413-3000  
 TELEFAX: (703) 413-2220

TELEX: 248855 OPAT UR  
 INFORMATION FOR SEQ ID NO: 9:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 252 amino acids  
 TYPE: AMINO ACID  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-052-205-9

Query Match 8.0%; Score 159.5; DB 1; Length 252;  
 Best Local Similarity 25.0%; Pred. No. 9.8e-09;  
 Matches 51; Conservative 42; Mismatches 70; Indels 41; Gaps 10;

QY 31 QIQLIYENLEQVYWNASKYSR-TNLFPHYRF-NGD-EAYDQCTNYLLQEGHTSGCLD 87  
 Db 59 EVQCFEYFVYWNCTNNSSEPOPTNLTLHYWKNSDNDKVKCSHYLFSEETISGCL- 117  
 QY 88 AEQRDILYFSIRNGTHPFTASRMVYLYLKPSRK-----HYFSSHQDAVTV- 136  
 Db 118 -QKKEIHL-----QTFVYQLQDPRPRRQATQMLKQLNLYIPAPENLTLH 163  
 QY 137 ----TCSDLSTYGD-----LLEYVQYRSPFDTEW-QSKQENTCNVITIGLDAEKCYSEFW 185  
 Db 164 KLSSEQLLENNNNRFLNHCLEHLVQYRTDMDHSWTEQSVDYRHKFSLPSVDQKRTFRV 223  
 QY 186 RKVAMEDVYGPPTYSDMSSEVTCW 209  
 Db 224 RSR-FNPICGSAQHSEWSHPRIHW 246

## RESULT 15

US-08-595-974-9  
 Sequence 9, Application US/08595974  
 Patent No. 5705608  
 GENERAL INFORMATION:  
 APPLICANT: SUGAMURA, KAZUO  
 APPLICANT: TAKESHITA, TOSHIKAZU  
 APPLICANT: ASAO, HIRONOBU  
 APPLICANT: NAKAMURA, MASATAKA  
 APPLICANT: SHIMAMURA, TOSHIRO  
 APPLICANT: SUZUKI, MANABU  
 APPLICANT: HAMURO, JUNJI  
 TITLE OF INVENTION: HUMAN IL-2 RECEPTOR GAMMA CHAIN MOLECULE  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
 STREET: 1755 S. Jefferson Davis Highway, Suite 400  
 CITY: Arlington  
 STATE: Virginia  
 COUNTRY: U.S.A.  
 ZIP: 22202  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/595,974  
 FILING DATE: 06-FEB-1996  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/052,205  
 FILING DATE: 22-APR-1993  
 APPLICATION NUMBER: JP 104947/1992  
 FILING DATE: 23-APR-1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Oblon, No. 5705608man F.  
 REGISTRATION NUMBER: 24,618  
 REFERENCE/DOCKET NUMBER: 10-615-0X  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703) 413-3000  
 TELEFAX: (703) 413-2220



TELEX: 248855 OPAT UR  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 252 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-595-974-9

Query Match 8.0%; Score 159.5; DB 1; Length 252;  
Best Local Similarity 25.0%; Pred. No. 9.8e-09;  
Matches 51; Conservative 42; Mismatches 70; Indels 41; Gaps 10;

QY 31 QIQIIFYNLETVQVYTWNAKYSR-TNLTFRYR-NGD-EAYDOCTNYLLOEGHTSGCLD 87  
::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |  
Db 59 EVQCFEYFVNYMNCFTNNSSEPQPTNLTLYWYKNSDNDKVKCSHYLFSEITSGGQL- 117  
QY 88 AECRDILYFSIRNGTHPVFTASRMVYILKPSPK-----HVRFSWHQDAVTV- 136  
::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |  
Db 118 -OKKEIHL-----QTFVYVOLQDPREPRROATQMLKIQNLVTPWAPENLTILH 163  
QY 137 ----TCSDSLSTGD-----LVEVOYRSPDPTFW-OSKOENTCNVTIEGLDAEKCYSPWY 185  
:|::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |  
Db 164 KLSQSQLELMNNRFLNHCLEHLVQYRTDWDHSWTEQSVYRHKFSPLPSYDGGKRTYFRV 223  
QY 186 RVKAMEDVYGPDTYPSDWSEVTCW 209  
|:| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |::| |  
Db 224 RSR-FNPLGSAQHMSWSHPITHW 246

Search completed: March 13, 2003, 18:32:38  
Job time : 18 secs



Query Match	100.0 %	Score 1573;	DB 9;	Length 1573;
Best Local Similarity	100.0 %;	Pred. NO. 0;		
Matches 1573;	0;	Mismatches	0;	Caps 0;

QY 61 GCTGATGCTTTGGGCAAGAGAGACAGAGAGATACAGATTTCAGATATCTAC 120  
 Db 61 GCTGATGCTTTGGGCAAGAGAGAGACAGAGAGATACAGATTTCAGATATCTAC 120  
 QY 121 TTCAATTTAGAAACCCGTCAGAGTACATGGAATCCAGCAAAATCTCAGAGACCACTG 180  
 Db 121 TTCAATTTAGAAACCCGTCAGAGTACATGGAATCCAGCAAAATCTCAGAGACCACTG 180  
 QY 181 ACTTCCACTACAGATTCAACGGGTGATGAGGCGCTATACCAAGTGCACAACTACCTTCTC 240  
 Db 181 ACTTCCACTACAGATTCAACGGGTGATGAGGCGCTATACCAAGTGCACAACTACCTTCTC 240  
 QY 241 CAGGAAGTACACATTGCGGGTGCCTCTAGACAGCAGAGCAGAGCAGATCTCTAT 300  
 Db 241 CAGGAAGTACACATTGCGGGTGCCTCTAGACAGCAGAGCAGAGCAGATCTCTAT 300  
 QY 301 TTCTCCATCAGAGATGGAGAGCAGCCGTTTACCGCAAGTGCATGATGTTATATAC 360  
 Db 301 TTCTCCATCAGAGATGGAGAGCAGCCGTTTACCGCAAGTGCATGATGTTATATAC 360  
 QY 361 CTGAACCCAGTTCCCGAAGCAGTGAATTTCTGTCATCAGATGAGTACAGAGCTG 420  
 Db 361 CTGAACCCAGTTCCCGAAGCAGTGAATTTCTGTCATCAGATGAGTACAGAGCTG 420  
 QY 421 AGCTGTTGACCTGCTACAGGGGATCTCTCTATGAGTTGATACCGAGCCCTTTC 480  
 Db 421 AGCTGTTGACCTGCTACAGGGGATCTCTCTATGAGTTGATACCGAGCCCTTTC 480  
 QY 481 GACACCCAGTGCAGTCCCAACAGAGAAATACCTGCAACGTCACATAGAGGCTTGGAT 540  
 Db 481 GACACCCAGTGCAGTCCCAACAGAGAAATACCTGCAACGTCACATAGAGGCTTGGAT 540  
 QY 541 GCGGAAAGTGTACTCTTCTGAGTCAAGGTGAAGGCTATGAGATGATATGAGGCA 600  
 Db 541 GCGGAAAGTGTACTCTTCTGAGTCAAGGTGAAGGCTATGAGATGATATGAGGCA 600  
 QY 601 GACACATACCCAGGACGTGTCAGAGTGAACATGCTGCGAGAGAGGCGAGATTCGGAT 660  
 Db 601 GACACATACCCAGGACGTGTCAGAGTGAACATGCTGCGAGAGAGGCGAGATTCGGAT 660  
 QY 661 GCCTGTGAGAGACCAACAGCCTCCCAACCAAAAGTGTCCAAATTTATTTATTTCC 720  
 Db 661 GCCTGTGAGAGACCAACAGCCTCCCAACCAAAAGTGTCCAAATTTATTTATTTCC 720  
 QY 721 AGCCGCGCATCTTCTGATGAGTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 780  
 Db 721 AGCCGCGCATCTTCTGATGAGTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 780  
 QY 781 GTGAAGAAATTTCTCATTTCCAGGTGCCAGACCCGAAATCCATCTTCCCGGCTCTT 840  
 Db 781 GTGAAGAAATTTCTCATTTCCAGGTGCCAGACCCGAAATCCATCTTCCCGGCTCTT 840  
 QY 841 GAGATACCAAGGAACCTTCCAGAGTGCACAGACCCGAAATCCATCTTCCCGGCTCTT 900  
 Db 841 GAGATACCAAGGAACCTTCCAGAGTGCACAGACCCGAAATCCATCTTCCCGGCTCTT 900  
 QY 901 CACAAGATGCGAGTGCAGAGCAAGAAAGTGGCCGAGAGAGCCCTGATGTCAGTTC 960  
 Db 901 CACAAGATGCGAGTGCAGAGCAAGAAAGTGGCCGAGAGAGCCCTGATGTCAGTTC 960  
 QY 961 GCCAAGACTAAGCCGAGTCTCCAGAGTGCAGAGCCAGACCCGAGAGAGAAAGAGCC 1020  
 Db 961 GCCAAGACTAAGCCGAGTCTCCAGAGTGCAGAGCCAGACCCGAGAGAGAAAGAGCC 1020  
 QY 1021 TCTGGGGGATCCCTCCAGCTTCCCAACAGCCCTTCAAAGGGGATGATGTCACAAATC 1080  
 Db 1021 TCTGGGGGATCCCTCCAGCTTCCCAACAGCCCTTCAAAGGGGATGATGTCACAAATC 1080  
 QY 1081 GGGGGCTTACCTTTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1140  
 Db 1081 GGGGGCTTACCTTTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1140

QY 1141 TGTCAAGTCAACGTCAGATCCAGTGTGACATTTAAAGACAGAGGACTCTCCGGGG 1200  
 Db 1141 TGTCAAGTCAACGTCAGATCCAGTGTGACATTTAAAGACAGAGGACTCTCCGGGG 1200  
 QY 1201 ACTCCACACCACCATGATGAGAGTCTCCACGCCAATGATGATGAGTACAGACTCT 1260  
 Db 1201 ACTCCACACCACCATGATGAGAGTCTCCACGCCAATGATGATGAGTACAGACTCT 1260  
 QY 1261 GAAGACCCAGCTCCACCGCTAATGCGGCTACTGCTGCTACTGCTTCCCAATGAT 1320  
 Db 1261 GAAGACCCAGCTCCACCGCTAATGCGGCTACTGCTGCTACTGCTTCCCAATGAT 1320  
 QY 1321 CTCTGTGTCAAAGGCTTGATGAGAGTGCAGAGCCAAATGCTCCAGAGATTTACTCCA 1380  
 Db 1321 CTCTGTGTCAAAGGCTTGATGAGAGTGCAGAGCCAAATGCTCCAGAGATTTACTCCA 1380  
 QY 1381 GTTCCCTTTCGCTGTAAGCTGTGACATTAACCCCAAGCAGACGTCCAAAATGCTG 1440  
 Db 1381 GTTCCCTTTCGCTGTAAGCTGTGACATTAACCCCAAGCAGACGTCCAAAATGCTG 1440  
 QY 1441 TAAACATCTTCCACTCTGTGATGCCAGTTCGCTGCTGCTGCTGCTGCTGCTGCTG 1500  
 Db 1441 TAAACATCTTCCACTCTGTGATGCCAGTTCGCTGCTGCTGCTGCTGCTGCTGCTG 1500  
 QY 1501 TGGATTCGAGAGATTTTGTGCTGTTTGAAGTCCAAACCACTTACCCCTACAA 1560  
 Db 1501 TGGATTCGAGAGATTTTGTGCTGTTTGAAGTCCAAACCACTTACCCCTACAA 1560  
 QY 1561 AAAAAAAAAAAAAA 1573  
 Db 1561 AAAAAAAAAAAAAA 1573

## RESULT 2

US-09-376-430-1  
 ; Sequence 1, Application US/09376430  
 ; Publication No. US20030028006A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Moore, Paul A.  
 ; APPLICANT: Rosen, Craig A.  
 ; TITLE OF INVENTION: Ruben, Steven M.  
 ; FILE REFERENCE: PF466P1  
 ; CURRENT APPLICATION NUMBER: US/09/376,430  
 ; EARLIER FILING DATE: 1999-08-18  
 ; EARLIER APPLICATION NUMBER: 60/086,505  
 ; EARLIER FILING DATE: 1998-05-22  
 ; EARLIER APPLICATION NUMBER: 60/078,563  
 ; EARLIER FILING DATE: 1998-03-19  
 ; EARLIER APPLICATION NUMBER: 09/263,626  
 ; EARLIER FILING DATE: 1999-03-05  
 ; EARLIER APPLICATION NUMBER: PCT/US99/05068  
 ; NUMBER OF SEQ ID NOS: 32  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 1  
 ; LENGTH: 1573  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURES:  
 ; NAME/KEY: CDS  
 ; LOCATION: (13)..(1125)  
 US-09-376-430-1

Query Match 100.0%; Score 1573; DB 9; Length 1573;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1573; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGACGAGAGGCGAGGCGGCTGTTCTGCTGAGGAGTCCGCTTTCTGCTGGA 60  
 Db 1 CGGACGAGAGGCGAGGCGGCTGTTCTGCTGAGGAGTCCGCTTTCTGCTGGA 60  
 QY 61 GGTGATGCTTTGGGCAAGAGAGAGACAGAGAGTACAGATTACAGATCTCTAC 120



QY	1201	ACTCCACACCACCATGGATGGGAAGTGTCCACGCCCAATGATGTGAGGACTAGAGACTCT	1260
Db	1201	ACTCCACACCACCATGGATGGGAAGTGTCCACGCCCAATGATGTGAGGACTAGAGACTCT	1260
QY	1261	GAGAGCCACCCACCGCCCTAATGGGGCCACATGCTGCTGAATTTCCCCACATGAT	1320
Db	1261	GAGAGCCACCCACCGCCCTAATGGGGCCACATGCTGCTGAATTTCCCCACATGAT	1320
QY	1321	CTCTGTGTTCAAAAGCGTTGATGTGACATGGAGCCAAATGCTCCAGAGAGATTAATCTCCA	1380
Db	1321	CTCTGTGTTCAAAAGCGTTGATGTGACATGGAGCCAAATGCTCCAGAGAGATTAATCTCCA	1380
QY	1381	GTTCCCTTTTCGTGCTCGTAAACGTTGTACATAAACCCCAAGCAGCAGTCCAAATGCTG	1440
Db	1381	GTTCCCTTTTCGTGCTCGTAAACGTTGTACATAAACCCCAAGCAGCAGTCCAAATGCTG	1440
QY	1441	TAAAAACCATCTTCCCACTGTGTAGTCCCAAGTTCGGTGCATGTACCTGTTCCATAGCAT	1500
Db	1441	TAAAAACCATCTTCCCACTGTGTAGTCCCAAGTTCGGTGCATGTACCTGTTCCATAGCAT	1500
QY	1501	TGGATTTTCGGAGAGATTTTGTCTGTTTGGAGATCCAAACACACTTAACCCCTAC	1557
Db	1501	TGGATTTTCGGAGAGATTTTGTCTGTTTGGAGATCCAAACACACTTAACCCCTAC	1557

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RESULT 4
US-10-078-059--26
/ Sequence 26, Application US/10078059
/ Publication No. US20020193305A1
/ GENERAL INFORMATION:
/ APPLICANT: Ruben et al.
/ TITLE OF INVENTION: Cytokine Receptor Common Gamma Chain Like
/ FILE REFERENCE: PR466P2
/ CURRENT APPLICATION NUMBER: US/10/078,059
/ CURRENT FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: 60/269,876
/ PRIOR FILING DATE: 2001-02-21
/ PRIOR APPLICATION NUMBER: PCT/US00/22493
/ PRIOR FILING DATE: 2000-08-17
/ PRIOR APPLICATION NUMBER: 09/376,430
/ PRIOR FILING DATE: 1999-08-18
/ PRIOR APPLICATION NUMBER: 09/263,626
/ PRIOR FILING DATE: 1999-03-05
/ PRIOR APPLICATION NUMBER: PCT/US99/05068
/ PRIOR FILING DATE: 1999-03-05
/ PRIOR APPLICATION NUMBER: 60/086,505
/ PRIOR FILING DATE: 1998-05-22
/ PRIOR APPLICATION NUMBER: 60/078,563
/ PRIOR FILING DATE: 1998-03-19
/ NUMBER OF SEQ ID NOS: 32
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 26
/ LENGTH: 1567
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc.feature
/ LOCATION: (830)
/ OTHER INFORMATION: n equals a, t, g or c
/ NAME/KEY: misc.feature
/ LOCATION: (416)
/ OTHER INFORMATION: y equals c or t
/ NAME/KEY: misc.feature
/ LOCATION: (784)
/ OTHER INFORMATION: m equals a or c
/ NAME/KEY: misc.feature
/ LOCATION: (785)
/ OTHER INFORMATION: y equals c or t
US-10-078-059-26

Query Match          95.4%; Score 1500.2; DB 9; Length 1567;
Best Local Similarity 98.7%; Pred. NO. 0;
Matches 1546; Conservative 7; Mismatches 6; Indels 7; Gaps 4

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[illegible]



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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Clone 9604927
; OTHER INFORMATION: containing human TSLPR sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(68)
; OTHER INFORMATION: Vector sequence
; NAME/KEY: sig_peptide
; LOCATION: (70)..(135)
; NAME/KEY: misc_feature
; LOCATION: (763)..(825)
; OTHER INFORMATION: Predicted transmembrane domain coding sequence
; NAME/KEY: misc_feature
; LOCATION: (1186)..(1379)
; OTHER INFORMATION: Vector sequence
US-09-895-593-10

```

```

Query Match          71.0%; Score 1117.6; DB 9; Length 1379;
Best Local Similarity 99.2%; Pred. No. 0;
Matches 1123; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

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QY 12 CATGGGCGGCTGTTGCTGCTGGGAGCTGCCGCTTTCTGCTGGAGGCTGGATGC 71
DB 69 CATGGGCGGCTGTTGCTGCTGGGAGCTGCCGCTTTCTGCTGGAGGCTGGATGC 128
QY 72 TTTGGGCAAGAGAGAGAGAGAGAGAGATGACATGATCACTACTTCAATTTAGA 131
DB 129 TTTGGGCAAGAGAGAGAGAGAGAGATGACATGATCACTACTTCAATTTAGA 188
QY 132 AACGTCAGAGTGCATGAGATGACCAATATCTCCAGGACCACTGACTTCCACTA 191
DB 189 AACGTCAGAGTGCATGAGATGACCAATATCTCCAGGACCACTGACTTCCACTA 248
QY 192 CAGATTCAGCGTATGAGGCTATGACCACTGACCACTACTTCTCCAGAGGTCA 251
DB 249 CAGATTCAGCGTATGAGGCTATGACCACTGACCACTACTTCTCCAGAGGTCA 308
QY 252 CACTTCGGGGTGCCTCTCAAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 311
DB 309 CACTTCGGGGTGCCTCTCAAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 368
QY 312 GAATGGGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 371
DB 369 GAATGGGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 428
QY 372 TTCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 431
DB 429 TTCCCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 488
QY 432 CCTGTCCTACGGGAGATCTCTCTATGAGAGTTCAGTACGGAGAGAGAGAGAG 491
DB 489 CCTGTCCTACGGGAGATCTCTCTATGAGAGTTCAGTACGGAGAGAGAGAGAG 548
QY 492 GCAGTCGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 551
DB 549 GCAGTCGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 608
QY 552 TTTACTCTTTCTGGGTGAGGCTTAAGGCTATGAGAGATGATATTTGGGCGAGAGAGATACC 611
DB 609 TTTACTCTTTCTGGGTGAGGCTTAAGGCTATGAGAGATGATATTTGGGCGAGAGATACC 668
QY 612 AAGCGAGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 671
DB 669 AAGCGAGCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 728
QY 672 GACACCAAGCGCTCCCAACCAAGAGCTGCAAAATTTATTTATTTTCCAGCTGGCCAT 731
DB 729 GACACCAAGCGCTCCCAACCAAGAGCTGCAAAATTTATTTATTTTCCAGCTGGCCAT 788
QY 732 CCTTCGAGTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 791
DB 789 CCTTCGAGTGTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 848

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QY 792 TCTCATTCGCCAGCGTGCACAGACCGGAAATCATCTTCCGGGCTCTTTGATACACCA 851
DB 849 TCTCATTCGCCAGCGTGCACAGACCGGAAATCATCTTCCGGGCTCTTTGATACACCA 908
QY 852 AGGAACTTCCAGAGAGTGCATCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 911
DB 909 AGGAACTTCCAGAGAGTGCATCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 968
QY 912 AGGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 971
DB 969 AGGTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1028
QY 972 AGCCGAGTCTCCAGAGATGCTGAGACCCACAGAGAGAGAGAGAGAGAGAGAGAG 1031
DB 1029 AGCCGAGTCTCCAGAGATGCTGAGACCCACAGAGAGAGAGAGAGAGAGAGAGAG 1088
QY 1032 CCTCCAGCTTCCCAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1091
DB 1089 CCTCCAGCTTCCCAACAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1148
QY 1092 CTTTGTGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1143
DB 1149 CTTTGTGATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200

RESULT 7
US-09-895-943-10
; Sequence 10, Application US/09895943
; Patent No. US20020068323A1
; GENERAL INFORMATION:
; APPLICANT: Sarris, Chris
; TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: 00-514-C
; CURRENT APPLICATION NUMBER: US/09/895,943
; PRIOR FILING DATE: 2001-06-28
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 10
; LENGTH: 1379
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Clone 9604927
; OTHER INFORMATION: containing human TSLPR sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(68)
; OTHER INFORMATION: Vector sequence
; NAME/KEY: sig_peptide
; LOCATION: (70)..(135)
; NAME/KEY: misc_feature
; LOCATION: (763)..(825)
; OTHER INFORMATION: Predicted transmembrane domain coding sequence
; NAME/KEY: misc_feature
; LOCATION: (1186)..(1379)
; OTHER INFORMATION: Vector sequence
US-09-895-943-10

Query Match          71.0%; Score 1117.6; DB 10; Length 1379;
Best Local Similarity 99.2%; Pred. No. 0;
Matches 1123; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

```

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QY 12 CATGGGCGGCTGTTGCTGCTGGGAGCTGCCGCTTTCTGCTGGAGGCTGGATGC 71
DB 69 CATGGGCGGCTGTTGCTGCTGGGAGCTGCCGCTTTCTGCTGGAGGCTGGATGC 128
QY 72 TTTGGGCAAGAGAGAGAGAGAGAGATGACATGATCACTACTTCAATTTAGA 131
DB 129 TTTGGGCAAGAGAGAGAGAGAGATGACATGATCACTACTTCAATTTAGA 188

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[illegible]

Query Match	Similarity	Score	Pred. No.	Mismatches	Indels	Gaps
FEATURE: Description of Artificial Sequence: Clone 9508990						
OTHER INFORMATION: containing human TSLPR-FLAG sequence						
NAME/KEY: misc_feature						
LOCATION: (1)..(60)						
OTHER INFORMATION: Vector sequence						
NAME/KEY: sig_peptide						
LOCATION: (62)..(127)						
NAME/KEY: misc_feature						
LOCATION: (755)..(817)						
OTHER INFORMATION: Predicted transmembrane domain coding sequence						
NAME/KEY: misc_feature						
LOCATION: (1175)..(1201)						
OTHER INFORMATION: FLAG coding sequence						
NAME/KEY: misc_feature						
LOCATION: (1202)..(1415)						
OTHER INFORMATION: Vector sequence						
US-09-895-943-11						
Query Match	70.9%;	Score 115.2;	DB 10;	Length 1415;		
Best Local Similarity	98.4%;	Pred. No. 0;				
Matches 1126;	Conservative	0;	Mismatches	18;	Indels	0;
4 CACGAGGGCATGGGCGCGCTGGTTCCTGCTGTGGGAGCGTGGCGTCTTCTGCTGGAGGC	63					
53 CACGTGGCCCATGGGCGCGCTGGTTCCTGCTGTGGGAGCGTGGCGTCTTCTGCTGGAGGC	112					
64 TGGATGGCTTTGGGGCAAGAGAGCAGCAGAGAGAGTACAGATTGAGATCATCTACTTC	123					
113 TGGATGGCTTTGGGGCAAGAGAGCAGCAGAGAGAGTACAGATTGAGATCATCTACTTC	172					
124 AATTGAGAAACCGTCGAGGTGACATGTAATGCAAGCAATTCGACGACCACTGACT	183					
173 AATTGAGAAACCGTCGAGGTGACATGTAATGCAAGCAATTCGACGACCACTGACT	232					
184 TTCCATACAGATTCAGAGGTGATGAGGCTTATGACCACTGACCACTACTTCTCAG	243					
233 TTCCATACAGATTCAGAGGTGATGAGGCTTATGACCACTGACCACTACTTCTCAG	292					
244 GAAGGTACACACTTGGGGTGCCTCTGAGACGACAGACAGACCAATTCATATTTC	303					
293 GAAGGTACACACTTGGGGTGCCTCTGAGACGACAGACAGACCAATTCATATTTC	352					
304 TTCCATACAGATTCAGAGGTGATGAGGCTTATGACCACTGACCACTACTTCTCAG	363					
353 TTCCATACAGATTCAGAGGTGATGAGGCTTATGACCACTGACCACTACTTCTCAG	412					
364 AAACCCAGTTCCCGGAAAGCAGTGTGATTTTCGTGGCATGAGATGAGTGAAGCGTGAAG	423					
413 AAACCCAGTTCCCGGAAAGCAGTGTGATTTTCGTGGCATGAGATGAGTGAAGCGTGAAG	472					
424 TGTTCGACCTGTGTCACGGGGATCCCTATGAGGTTCAGTACCGGAGCCCTTCGAC	483					
473 TGTTCGACCTGTGTCACGGGGATCCCTATGAGGTTCAGTACCGGAGCCCTTCGAC	532					
484 ACCGAGTGGCAGTCCAAACAGAAATACCTGCAACCTGACCATGAGAAGGCTTGATGCG	543					
533 ACCGAGTGGCAGTCCAAACAGAAATACCTGCAACCTGACCATGAGAAGGCTTGATGCG	592					
544 GAGAGTGTTCCTTCTGCTGTCAGGGTGAAGGCTATGAGGATGTATATGGCCAGAC	603					
593 GAGAGTGTTCCTTCTGCTGTCAGGGTGAAGGCTATGAGGATGTATATGGCCAGAC	652					
604 ACATACCCAAAGCAGCTGGTCAAGGTGACATGCTGGCAGAGAGGCGAATTCGGGATGCG	663					
653 ACATACCCAAAGCAGCTGGTCAAGGTGACATGCTGGCAGAGAGGCGAATTCGGGATGCG	712					
664 TGTGCAAGACACCAAGGCTCCCAACCAAGCTGTCCAAATTTATTTATTTCCAGC	723					
713 TGTGCAAGACACCAAGGCTCCCAACCAAGCTGTCCAAATTTATTTATTTCCAGC	772					
724 CTGGGCATCCTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG	783					

```

.RESULT 10
US-09-895-593-4
: Sequence 4, Application US/09895593
: Patent No. US20020160949A1
: GENERAL INFORMATION:
: APPLICANT: Pandey, Akhilesh
: APPLICANT: Ozaki, Katsutoshi
: APPLICANT: Baumann, Heinz
: APPLICANT: Levin, Steven D.
: APPLICANT: Parr, Andrew G.
: APPLICANT: Ziegler, Steven F.
: APPLICANT: Leonard, Warren J.
: APPLICANT: Lodish, Harvey F.
: TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and
: FILE REFERENCE: 00-514-E
: CURRENT APPLICATION NUMBER: US/09/895,593
: CURRENT FILING DATE: 2001-06-28
: PRIOR APPLICATION NUMBER: 60/215,658
: PRIOR FILING DATE: 2000-06-28
: NUMBER OF SEQ ID NOS: 16
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 4
: LENGTH: 1116
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: CDS
: LOCATION: (1)..(1116)
: NAME/KEY: sig_peptide
: LOCATION: (1)..(66)
: NAME/KEY: misc_feature
: LOCATION: (694)..(756)
: OTHER INFORMATION: Predicted transmembrane domain coding sequence
US-09-895-593-4

```

	70.8%;	Score 1114.4;	DB 9;	Length 1116;	
Query Match	Best Local Similarity 99.9%;	Pred. No. 0;	Mismatches 1115;	Conservative	0;
Matches 1115;	Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;
QY	13	ATGGGCGCGCTGTCTGCTGTGGAGACTCCGCCTTTCGCGGAGAGCTGGATGCGCT	72		

Db	1	TTGGGGGGCGCTGTTCTGCTGTGGGAGCTGCCTGCTTCTTGCTGGAGGCTGGATGGCT	6
Qy	73	TTGGGGCAAGAGAGAGCAGAGCAGAGAGATACAGATTCAGATCATCTACTTCAATTTGAA	1
Db	61	TTGGGGCAAGAGAGAGAGCAGAGAGATACAGATTCAGATCATCTACTTCAATTTGAA	1
Qy	133	ACCTGAGGTGATGGAATGCCAGCAATATCTCAGAGCAACCTGACTTTTCACTAC	1
Db	121	ACCGTGAAGGTGACATGAGATGCCAGCAAAATCTCAGAGCAACCTGACTTTTCACTAC	1
Qy	193	AGATTCAAGGGTATGAGGCTATACAGATGACACAACTACCTTTCAGAGAGGTGAC	25
Db	181	AGATTCAAGGGTATGAGGCTATACAGATGACACAACTACCTTTCAGAGAGGTGAC	24
Qy	253	ACTTGGGGTGGCTCTTACAGCAGAGCAGAGCAATTCATTTCTCATTCAG	31
Db	241	ACTTCAAGGGTGGCTCTTACAGCAGAGCAGAGCAATTCATTTCTCATTCAG	30
Qy	313	AATGGAGCACACCCGTTTTCACGCAAGTGGGTGATGATTTATTACTGAAACCACT	37
Db	301	AATGGAGCACACCCGTTTTCACGCAAGTGGGTGATGATTTATTACTGAAACCACT	36
Qy	373	TCCCGGAAGCACGTGACATTTTCTGGCATCAGATGACATGACGGGTGATGCTGAC	43
Db	361	TCCCGGAAGCACGTGACATTTTCTGGCATCAGATGACATGACGGGTGATGCTGAC	42
Qy	433	CTGTCCTTACGGGGATCTCCTTATGAGGTCACTACCGGACCCCTTGACACCGAGTG	49
Db	421	CTGTCCTTACGGGGATCTCCTTATGAGGTCACTACCGGACCCCTTGACACCGAGTG	48
Qy	493	CAGTCCAAACAGAAAAATACCTGCACAGCTACCATAGAGCGCTTGATGCGAGAGGT	55
Db	481	CAGTCCAAACAGAAAAATACCTGCACAGCTACCATAGAGCGCTTGATGCGAGAGGT	54
Qy	553	TACTCTTTGAGGTCAGGGTGAAGGCTATGAGAGATGTAATGAGGCCAGACATATCCA	61
Db	541	TACTCTTTGAGGTCAGGGTGAAGGCTATGAGAGATGTAATGAGGCCAGACATATCCA	60
Qy	613	AGCGACTGTGCAGAGGTGCATGCTGGCAGAGAGCGAGATTCGGGAGTCTGTGCAGAG	67
Db	601	AGCGACTGTGCAGAGGTGCATGCTGGCAGAGAGCGAGATTCGGGAGTCTGTGCAGAG	66
Qy	673	ACACCAAGCGCTCCCAAAACCAAGCTGTCCAAATTTATTTTAAATTCACGCTGGCCATC	73
Db	661	ACACCAAGCGCTCCCAAAACCAAGCTGTCCAAATTTATTTTAAATTCACGCTGGCCATC	72
Qy	733	CTTCTGATGCTGTCTCTCTCTCTTGTCTTATGGAATATGGAAGTGAAGAAAGTTT	79
Db	721	CTTCTGATGCTGTCTCTCTCTCTTGTCTTATGGAATATGGAAGTGAAGAAAGTTT	78
Qy	793	CTCATTTCCAGAGGTGCCAGACCCGAATTCATCTTCCCGGGCTCTTTGATATACCAA	85
Db	781	CTCATTTCCAGAGGTGCCAGACCCGAATTCATCTTCCCGGGCTCTTTGATATACCAA	84
Qy	853	GGGAACCTTCAGAGATGATACAGACACCCAGAGAGGTGGCCCACTCCACAAGATGCA	91
Db	841	GGGAACCTTCAGAGATGATACAGACACCCAGAGAGGTGGCCCACTCCACAAGATGCA	90
Qy	913	GGTGAAGCAAGAAAGTGGCCCCGAGAGACCCCTGGTATGTCAGTGTGGCCAAAGCTGAA	97
Db	901	GGTGAAGCAAGAAAGTGGCCCCGAGAGACCCCTGGTATGTCAGTGTGGCCAAAGCTGAA	96
Qy	973	GCCGAGTCTCCAGAGTGTGGAGCCACAGACCCGAGAGAAAGAGGCTCTGGGGGATCC	103
Db	961	GCCGAGTCTCCAGAGTGTGGAGCCACAGACCCGAGAGAAAGAGGCTCTGGGGGATCC	102
Qy	1033	CTTCAGCTTCCCAACAGCCCCCTTCCAAGGCGGTGATGTGTACATGTGGGGGCTTACC	109
Db	1021	CTTCAGCTTCCCAACAGCCCCCTTCCAAGGCGGTGATGTGTACATGTGGGGGCTTACC	108
Qy	1093	TTTGTGATGATGACCGCTCTTACGCTGAGGGCTTGTA	112
Db	1081	TTTGTGATGATGACCGCTCTTACGCTGAGGGCTTGTA	111

RESULT 11

US-09-895-943-4  
Sequence 4, Application US/09895943  
Patent No. US2002006832A1  
GENERAL INFORMATION:  
APPLICANT: Satis, Chris  
APPLICANT: Chang, Ming-Shi  
TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and  
TITLE OF INVENTION: Uses Thereof  
FILE REFERENCE: US/09/895,943  
CURRENT FILING DATE: 2001-06-28  
PRIORITY FILING DATE: 2000-06-28  
PRIORITY FILING DATE: 2000-06-28  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: Patent Ver. 2.0  
SEQ ID NO 4  
LENGTH: 1116  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (1)..(1116)  
NAME/KEY: sig-peptide  
LOCATION: (1)..(66)  
NAME/KEY: misc-feature  
LOCATION: (694)..(756)  
OTHER INFORMATION: Predicted transmembrane domain coding sequence  
US-09-895-943-4.

Query Match 70.8%; Score 1114.4; DB 10; Length 1116;  
Best Local Similarity 99.9%; Pred. No. 0;  
Matches 1115; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

13 ATGGGGCGGCTGTTCTGCTGTGGGAGCTGGCGCTCTTCTGCTGGGAGGCTGATGCT 72  
1 ATGGGGCGGCTGTTCTGCTGTGGGAGCTGGCGCTCTTCTGCTGGGAGGCTGATGCT 60  
73 TTGGGGCAAGGAGGAGCAGAGAGAGATACATTCATTCATTCATTCATTCATTCATTC 132  
73 TTGGGGCAAGGAGGAGCAGAGAGAGATACATTCATTCATTCATTCATTCATTCATTC 120  
61 TTGGGGCAAGGAGGAGCAGAGAGAGATACATTCATTCATTCATTCATTCATTCATTC 192  
133 ACCGTGAGGTGACATGGAATGCCAGCAATACCTCCAGGAGCAACCTGACTTCCACTAC 180  
121 ACCGTGAGGTGACATGGAATGCCAGCAATACCTCCAGGAGCAACCTGACTTCCACTAC 252  
193 AGATTCAAGGTGATGAGGAGGCTATGACAGCTGACCACTGCTCTCCAGGAGGCTGAC 240  
181 AGATTCAAGGTGATGAGGAGGCTATGACAGCTGACCACTGCTCTCCAGGAGGCTGAC 312  
253 ACTTGGGGTGCCTCTCTAGAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 300  
241 ACTTGGGGTGCCTCTCTAGAGCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 372  
313 AATGGAGCAGACCCGCTTTTACACCGCAAGTGGCTGATGATTTTATTAACCTGAACCCAG 360  
301 AATGGAGCAGACCCGCTTTTACACCGCAAGTGGCTGATGATTTTATTAACCTGAACCCAG 432  
373 TCCCGCAAGGAGGTGATTTTCTGTCATGAGATGAGATGAGATGAGATGAGATGAGAT 420  
361 TCCCGCAAGGAGGTGATTTTCTGTCATGAGATGAGATGAGATGAGATGAGATGAGAT 492  
433 CTGTCTAGCGGATCTCTCTATGAGGTTCACTACCGAGCCCTTCCAGACCGAGGTG 480  
421 CTGTCTAGCGGATCTCTCTATGAGGTTCACTACCGAGCCCTTCCAGACCGAGGTG 552  
493 CAGTCCAAACAGAAATATCTGCAACGTCACCATAGAAAGGCTTGATGCCGAGAGGT 540  
481 CAGTCCAAACAGAAATATCTGCAACGTCACCATAGAAAGGCTTGATGCCGAGAGGT 612  
553 TACTCTTCTGGGTGAGGTGAAGCTATGAGAGATGATATGAGGCAAGACATATACCA 612

541 TACTCTTCTGGGTGAGGTGAAGGCTATGAGAGATGATATGAGGCAAGACATATACCA 600  
613 AGCGACTGTCAGAGGTGACATGCTGAGAGAGAGAGAGAGATGCGGATGCTGTGAGAG 672  
601 AGCGACTGTCAGAGGTGACATGCTGAGAGAGAGAGAGAGATGCGGATGCTGTGAGAG 660  
673 ACACCAAGCGCTCCCAACCAACCAAGCTGTCCAAATTTATTTATTTATTTATTTATTT 732  
661 ACACCAAGCGCTCCCAACCAACCAAGCTGTCCAAATTTATTTATTTATTTATTTATTT 720  
733 CTCTGATGCTGTCT 792  
721 CTCTGATGCTGTCT 780  
793 CTCTGATGCTGTCT 840  
781 CTCTGATGCTGTCT 912  
853 GGGAGCTTCCAGAGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 900  
841 GGGAGCTTCCAGAGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 972  
913 GGTGAG 960  
901 GGTGAG 1032  
973 GGTGAG 1020  
961 GGTGAG 1092  
1033 CTCTGATGCTGTCT 1080  
1021 CTCTGATGCTGTCT 1128  
1093 TTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1116  
1081 TTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1116

RESULT 12

US-09-895-593-7  
Sequence 7, Application US/0989593  
Patent No. US20020160949A1  
GENERAL INFORMATION:  
APPLICANT: Pandey, Akhlesh  
APPLICANT: Ozaki, Katsutoshi  
APPLICANT: Baumann, Heinz  
APPLICANT: Levin, Steven D.  
APPLICANT: Parr, Andrew G.  
APPLICANT: Ziegler, Steven F.  
APPLICANT: Leonard, Warren J.  
APPLICANT: Lodish, Harvey F.  
TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and  
TITLE OF INVENTION: Uses Thereof  
FILE REFERENCE: US/09/895,593  
CURRENT FILING DATE: 2001-06-28  
PRIORITY FILING DATE: 2000-06-28  
PRIORITY FILING DATE: 2000-06-28  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: Patent Ver. 2.0  
SEQ ID NO 7  
LENGTH: 1140  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (1)..(1140)  
NAME/KEY: sig-peptide  
LOCATION: (1)..(66)  
OTHER INFORMATION: Description of Artificial Sequence: Human  
OTHER INFORMATION: TSLPR-FLAG

NAME/KEY: misc.feature  
 LOCATION: (694)..(756)  
 OTHER INFORMATION: Predicted transmembrane domain coding sequence  
 NAME/KEY: misc.feature  
 LOCATION: (1114)..(1140)  
 OTHER INFORMATION: FLAG coding sequence  
 US-09-895-943-7

Query Match  
 Best Local Similarity 70.7%; Score 1112.6; DB 9; Length 1140;  
 Matches 1121; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

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13 ATGGGGGCGGCTTCTGCTGCTGGGAGCTCCGCTCTTCTGCTGGAGCGTGGATGCT 72
Db 1 ATGGGGGCGGCTGCTGCTGCTGGAGCTCCGCTCTTCTGCTGGAGCGTGGATGCT 72
QY 73 TTGGGGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 60
Db 61 TTGGGGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 132
QY 133 ACCGTGACGATGACATGATGATGATGATGATGATGATGATGATGATGATGATG 120
Db 121 ACCGTGACGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 192
QY 193 AGATTCAAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 180
Db 181 AGATTCAAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 252
QY 253 ACTTGGGGGCTCTCTAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 240
Db 241 ACTTGGGGGCTCTCTAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 312
QY 313 AATGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 300
Db 301 AATGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 372
QY 373 TCCCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 360
Db 361 TCCCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 432
QY 433 CTGTCTTACGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 420
Db 421 CTGTCTTACGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 492
QY 493 CAGTCCAAACAGGAAATACCTGCAACGTCACCATAGAGGCTTGGATCCGGAAGT 480
Db 481 CAGTCCAAACAGGAAATACCTGCAACGTCACCATAGAGGCTTGGATCCGGAAGT 552
QY 553 TACTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540
Db 541 TACTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 612
QY 613 AGGAGCTGTCAGAGGATGATGATGATGATGATGATGATGATGATGATGATGATG 600
Db 601 AGGAGCTGTCAGAGGATGATGATGATGATGATGATGATGATGATGATGATGATG 672
QY 673 ACACCAAGGCTCCCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCA 660
Db 661 ACACCAAGGCTCCCAACCAACCAACCAACCAACCAACCAACCAACCAACCAACCA 732
QY 733 CTTCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 720
Db 721 CTTCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 792
QY 793 CTTCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 780
Db 781 CTTCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 852
QY 853 GGGAACTTCCAGAGGATGATGATGATGATGATGATGATGATGATGATGATGATG 840
Db 841 GGGAACTTCCAGAGGATGATGATGATGATGATGATGATGATGATGATGATGATG 912
QY 913 GGTGACAGCAGCAAGAGTGGCCCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 900

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Db 901 GGTGACAGCAGCAAGAGTGGCCCGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 960
QY 973 GCCAGTCTCCAGAGGATGATGATGATGATGATGATGATGATGATGATGATGATG 960
Db 961 GCCAGTCTCCAGAGGATGATGATGATGATGATGATGATGATGATGATGATGATG 1032
QY 1033 CTTCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1020
Db 1021 CTTCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1092
QY 1093 TTTCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1080
Db 1081 TTTCGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1147

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RESULT 13  
 US-09-895-943-7  
 Sequence 7, Application US/09895943  
 Patent No. US20020068323A1  
 GENERAL INFORMATION:  
 APPLICANT: Saris, Chris  
 APPLICANT: Chang, Shih  
 TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and  
 FILE REFERENCE: 00-514-C  
 CURRENT APPLICATION NUMBER: US/09/895, 943  
 PRIOR APPLICATION DATE: 2001-06-28  
 PRIOR APPLICATION NUMBER: 60/214, 866  
 NUMBER OF SEQ ID NOS: 16  
 SOFTWARE: Patent Ver. 2.0  
 SEQ ID NO 7  
 LENGTH: 1140  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Description of Artificial Sequence: Human  
 NAME/KEY: CDS  
 LOCATION: (1)..(1140)  
 NAME/KEY: sig\_peptide  
 LOCATION: (1)..(66)  
 NAME/KEY: misc.feature  
 LOCATION: (694)..(756)  
 OTHER INFORMATION: Predicted transmembrane domain coding sequence  
 NAME/KEY: misc.feature  
 LOCATION: (1114)..(1140)  
 OTHER INFORMATION: FLAG coding sequence  
 US-09-895-943-7

Query Match  
 Best Local Similarity 70.7%; Score 1112.6; DB 10; Length 1140;  
 Matches 1121; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

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13 ATGGGGGCGGCTTCTGCTGCTGGGAGCTCCGCTCTTCTGCTGGAGCGTGGATGCT 72
Db 1 ATGGGGGCGGCTTCTGCTGCTGGAGCTCCGCTCTTCTGCTGGAGCGTGGATGCT 72
QY 73 TTGGGGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 60
Db 61 TTGGGGGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 132
QY 133 ACCGTGACGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 120
Db 121 ACCGTGACGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 192
QY 193 AGATTCAAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 180
Db 181 AGATTCAAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 252
QY 253 ACTTGGGGGCTCTCTAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 240

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[illegible]

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RESULT 14
US-09-895-593-1
: Sequence 1, Application US/09895593
: Patent No. US20020160949A1
: GENERAL INFORMATION:
: APPLICANT: Pandey, Akhilesh
: APPLICANT: Ozaki, Katsutoshi
: APPLICANT: Baumann, Heinz
: APPLICANT: Levin, Steven D.
: APPLICANT: Farr, Andrew G.
: APPLICANT: Ziegler, Steven F.
: APPLICANT: Leonard, Warren J.
: APPLICANT: Lodish, Harvey F.
: TITLE OF INVENTION: Thymic Stromal Lymphopoietin Receptor Molecules and

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? TITLE OF INVENTION: Uses Thereof
? FILE REFERENCE: 00-514-E
? CURRENT APPLICATION NUMBER: US/09/895,593
? PRIOR APPLICATION NUMBER: 60/215,658
? PRIOR FILING DATE: 2001-06-28
? NUMBER OF SEQ ID NOS: 16
? SOFTWARE: PatentIn Ver. 2.0
? SEQ ID NO 1
? LENGTH: 1409
? TYPE: DNA
? ORGANISM: Mus musculus
? FEATURE:
? NAME/KEY: CDS
? LOCATION: (162)..(1274)
? NAME/KEY: sig_peptide
? LOCATION: (162)..(213)
? NAME/KEY: misc_feature
? LOCATION: (891)..(953)
? OTHER INFORMATION: Predicted transmembrane domain coding sequence
US-09-895-593-1

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Query Match	4.4%	Score 69.4	DB 9	Length 1409
Best Local Similarity	47.1%	Pred. No. 2	4e-10	
Matches 355	Conservative 0	Mismatches 356	Indels 42	Gaps 3
QY 230	ACTACCTTC	CCAGGAAGT	GCACACTTGGGGGTG	CCCTCTAGACGACGACGACGACGAGC 289
DB 373	ATTTCCTGTC	CGCGCGCTGGTG	TCACTTCCGGGTCATTCCTCCCGGGAGAGGCGCGGGC 432	
QY 290	ACATTCCTAT	TTCTCCTATC	CAGSAAITGGGACGACCCCGTTTTCACCGCAAGTCGCTGA 349	
DB 433	TGCTGAGCTG	GCACATG	CCGCGAGGGGGCCATGTGTGTTTAAAGCTAGGCAACGCGC 492	
QY 350	TGTTTATTAC	CGAACCAGT	TCCCGCAAGCAGTGAATTTTCGSG---CATCAG 406	
DB 493	CGTCGCGCTG	GGCTGAAGCCCGCC	CACTTGGAAITGACGCTGCTCTTGACACACAGAGC 552	
QY 407	ATGCACTGAC	GCGGTACG	GTGTTCGACCTTCGTCACGGGATTCCTCTATGAGGTTCAGT 466	
DB 553	GGGACCTGAC	TGCTGCTG	CGCTGCGCCACTCTACTGGGCGCTGGACATCAGAGGTGACAC 612	
QY 467	ACCGGAGCCCT	TCGACACCAG-----TGCAGTCC	AAACAGGAAATACCTGCAACG 520	
DB 613	ACCGGAGAGCA	TGACGATGAG	AGCGCTGGCAGACACTCAAGGGCCCTGCTGTGACT 672	
QY 521	TCACCATTA	AAAGCCTTGGAT	TGCAGGAAGTATCTTCTTGGGTGACAGGTGAAGGCTA 580	
DB 673	TGACATGTGG	CGCGGCTCGACCCCGCGCTG	CTATGACTTCCGGGTGCGGGGTGCGCC 732	
QY 581	TGAGAGATG	TATATGGGCGC	CAGACATACCAAGCAGCTGTCAAGGTGAGCATCTGGC 640	
DB 733	GGGCGCGCA	CTATG	GGCTGGAAGGGCAGGCTTAAGGAGTGGACACGCGTGGACAGGCTTT 792	
QY 641	AGAGAGCGA	GATTTGGGATG-----	CTGTG 667	
DB 793	CCGGGCGAC	ATCCGCGGTGAC	CCCTCGCGCCACACTTCCCCCTCAGCTCTCTGA 852	
QY 668	CAGACACACA	AAAGCGCTCCCA	AAAGCGTGTCCAAATTTATTTTATTTTCACGCTGG 727	
DB 853	CCGCAAGCCCG	CGCCCAATCCCGCGCTGG	CGCCCGCCCTCTGTGCCCCCTGGGCTGGCGGC 912	
QY 728	CCATCCTCTG	ATGGTGTCTCTC	CTCTCTCTTGTGTCTTATGGAATATATGAGAGTGAAGA 787	
DB 913	TAGCAGCGCT	GTGACACATG	TCCTCGTCTCGGCGCCCTGAGGCTTGCGAGGTTGAAG 972	
QY 788	AGTTTCTAT	TCCAGCGTGC	CAACCCGAAATCCATTTCCCGGCGCTCTTGAAGATTC 847	
DB 973	ATGGCTCTG	CTCGCTCGCTCC	TGACCCACGCGGCTCTTCCGTGAGACTCTTGAAGAC 1092	
QY 848	ACCAAGGA	CACTTCAGGAGT	GTGATCACAGACACCCAGAACAGTGGCCCACTCCACAGA 907	
DB 1033	ATCACGGGA	CACTTCAGGCGCTG	AGTGGAGGCGCCACAGCCCGCCGACGACGAGA 1092	

Qy	908	TGGCAGGTGCACAGCAGAAAGTGGCCCCCAGC	940
Db	1093	CCGAGGAGGAGATGACTCATCCACC	1125

RESULT 15  
US-09-895

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; Sequence 1, Application US/09895943
; Patent No. US20020068323A1
; GENERAL INFORMATION:
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GENERAL INFORMATION:

APPLICANT: Chang, Ming-shi

TITLE OF INVENTION: Thymic

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FILE REFERENCE: 00-514-C

CURRENT APPLICATION NUMBER: US/09/0935,943  
CURRENT FILING DATE: 2001-06-28

PRIOR APPLICATION NUMBER: 60/214,866

PRIOR FILING DATE: 2000-06-28

; NUMBER OF SEQ ID NOS: 16

; SOFTWARE: PatentIn Ver. 2.0  
; CEO ID NO 1

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; SEQ ID NO 1
LENGTH: 1409

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TYPE: DNA

ORGANISM: *Mus musculus*

FEATURE:

NAME/REL: CDS  
LOCATION: (16)

NAME/KEY: sig

; LOCATION: (162)..(213)

NAME/KEY: misc\_feature

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LOCATION: (891)..(555)
OTHER INFORMATION: Pre

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US-09-895-943-1

Query Match	Score	DB ID	Length
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47.1%	2	4e-10	

Best Local 5.  
Matches 355

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230 ACTACCTTCTCCAGGAGGTCACACTTCGGGGTGCCCTCTAGACGCAGAGCGAGACG 285

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**D8**

**3 / 3 ATTTCCTGCGGGCAGTCAATCCGCCGCACCCC**

OV 290 ACATTCTTATTTCTCCATCAGGAATGGGACGCACCCCGTTTTCACCGCAAGTCGCTGGA 345

Db 433 TGCTGGAGCTGGCACTGCCGACGGAGGGGGCCATGTTAAGGCTAGGCAGCGCG 492

350 TACCTTTTATGAGCAGGCACGGAGATTTCGTGG---CATCAGG 406

[illegible]

Accession	Sequence	Position
Db	CGGAAAGCCCCCACCATTCCTCCGGGCGCTTCTGCCCCCTGGGCGCGGC	912
Oy	728 CCATCTCTTGTATGGTGTCTCTCCTCTTGTCTTTATGGAATTTATGGAGATGAAGA	787
Db	913 TAGCAGCGGTGCTGACACGTCTCTGCTCTCTGGCGCGCCCTGAGGCTTCGCAAGGTGAAG	972
Oy	788 AGTTTCTCATTTCCCGACGCTGCCAGACCCCGAATTCATCTTTCCCGGGCTCTTTAGATAC	847
Db	973 ATGCCTGTGCTGCCCTGCGCTCCCTCCGACCCCGCGGCTCTTCCCTGGACTCTTTTAGAAGC	1032
Oy	848 ACCAAGGGAACTTCCAGAGATGGATCAGACACCCAGAAACGTGGCCGACCTCCACAGA	907
Db	1033 ATTCAGGGGAATCTTCAGGCGCTGGATTGGCGGACCCCGACAGCCCGCCAGCCACAGA	1092
Oy	908 TGGCAGTGCAGAGCAAGAAAGTGGCCCGCAGG	940
Db	1093 CCGAGGAGGAAGTGACTTCATCCACCCCAAGG	1125

Search completed: March 13, 2003, 02:18:24  
Job time : 127 secs







RESULT 6  
 US-08-134-012-4/C  
 Sequence 4, Application US/08134012  
 Patent No. 5516652  
 GENERAL INFORMATION:  
 APPLICANT: Abramovitz, Mark  
 APPLICANT: Bole, Yves  
 APPLICANT: Grygorczyk, Richard  
 APPLICANT: Metters, Kathleen  
 APPLICANT: Rushmore, Thomas H.  
 APPLICANT: Slipetz, Deborah M.  
 TITLE OF INVENTION: DNA ENCODING PROSTAGLANDIN RECEPTOR IF  
 NUMBER OF SEQUENCES: 6  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: John Wallen  
 STREET: 126 E. Lincoln Avenue  
 CITY: Rahway  
 STATE: New Jersey  
 COUNTRY: USA  
 ZIP: 07065  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOs  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/134,012  
 FILING DATE: 06-OCT-1993  
 CLASSIFICATION: 530  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Wallen, John W

[illegible]



ADDRESSEE: J. Mark Hand  
STREET: 126 E. Lincoln Avenue  
CITY: Rahway  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/039,798  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/520,519  
FILING DATE: 29-AUG-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Hand, J. Mark  
REGISTRATION NUMBER: 36,545  
REFERENCE/DOCKET NUMBER: 19098DB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (732) 594-3805  
TELEFAX: (732) 594-4720  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1498 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-09-039-798-6

Query Match 2.2%; Score 35.2; DB 4; Length 1498;  
Best Local Similarity 52.0%; Pred. No. 0.99; Mismatches 79; Conservative 0; Gaps 0;  
Matches 79; Conservative 0; Mismatches 73; Indels 0; Gaps 0;

QY 910 GCAGGTGCAGAGCAAGAGTGGCCCGGAGAGCCCTGTAGTCCAGTTGCCAGACT 969  
DB 668 GCCCTTGCAGAGAGATGCGACGACGAGGCGCCGCGGTAGGCGACGCA 609  
QY 970 GAAGCCGAGTCTCCAGAGATGCTGGACCCACAGCCAGAGAGAGGCTTGGGGGA 1029  
DB 608 GAAGGCGCGCCGCGCGCGGCGGCGCCAGCGCATGCGAGAGAGCAGCAGCTGCGGGCA 549  
QY 1030 TCCCTCCAGCTCCCGCACAGCCCTCCCAAG 1061  
DB 548 GTACTGTGCTGTGGCCGCGCCACAGG 517

RESULT 12  
US-09-404-879A-157  
Sequence 157, Application US/09404879A  
Patent No. 6468546  
GENERAL INFORMATION:  
APPLICANT: Mitcham, Jennifer L.  
APPLICANT: King, Gordon E.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
FILE REFERENCE: 210121.462C2  
CURRENT APPLICATION NUMBER: US/09/404,879A  
NUMBER OF SEQ ID NOS: 393  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 157  
LENGTH: 421  
TYPE: DNA  
ORGANISM: Homo sapien  
US-09-404-879A-157

Query Match 2.1%; Score 33.6; DB 4; Length 421;

Best Local Similarity 48.9%; Pred. No. 1.5;  
Matches 90; Conservative 0; Mismatches 94; Indels 0; Gaps 0;

QY 867 GTGATCACAGACACCAGAGTGGCCCGCCCTCCAGAGATGAGGTGAGAGCAAGA 926  
DB 174 GTGCTTCAATTACAGGGGAGGCTCCAAACCTCGACAAATAGGCTGATTTCTGGC 233  
QY 927 AGTGGCCCCGAGGAGCCCTGTGATGTCAGTTGGCCAAAGACTGAACCGAGTCCAG 986  
DB 234 AGCTCTGACAGATATGCGCTGGAGCGCTTAAAGGTCAATGTGTGAGATGCCCTGTGAG 293  
QY 987 GATGCTGAGACCCAGACAGCCAGAGAGAGGCTCTGGGGGATCCCTCCAGCTCCCA 1046  
DB 294 TAACCTGTCCGGAGAGAACGCTGCAAAATTTCTCATCTGGCCGACCTCCACAGTGCAG 353  
QY 1047 CCAG 1050  
DB 354 TCAG 357

RESULT 13  
US-08-577-184-4  
Sequence 4, Application US/08577184  
Patent No. 5602014  
GENERAL INFORMATION:  
APPLICANT: MIZUMURA, YURIE  
APPLICANT: YU, FUJIO  
TITLE OF INVENTION: A REGULATORY FACTOR FOR EXPRESSION OF  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400  
CITY: ARLINGTON  
STATE: VA  
COUNTRY: USA  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/577,184  
FILING DATE: 22-DEC-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 6-337652  
FILING DATE: 28-DEC-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: OBLON, NORMAN F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 2941-004-0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-413-3000  
TELEFAX: 703-413-2220  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1605 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
ORIGINAL SOURCE:  
ORGANISM: RHODOCOCUS ERYTHROPOLIS  
STRAIN: SK92  
US-08-577-184-4

Query Match 2.1%; Score 33.6; DB 1; Length 1605;  
Best Local Similarity 50.0%; Pred. No. 3.2; Mismatches 84; Conservative 0; Gaps 0;  
Matches 84; Conservative 0; Mismatches 84; Indels 0; Gaps 0;



